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A.1 Metals

Table A1-1. Metal concentrations (mg/kg ww) in English sole whole body tissue samples – Areas T1 and T2

ANALYTE	LDW-T1-M-ES-WB-comp-1	LDW-T1-M-ES-WB-comp-2	LDW-T1-M-ES-WB-comp-3	LDW-T1-M-ES-WB-comp-4	LDW-T1-M-ES-WB-comp-5	LDW-T1-M-ES-WB-comp-6	LDW-T2-M-ES-WB-comp-1	LDW-T2-M-ES-WB-comp-2	LDW-T2-M-ES-WB-comp-3	LDW-T2-M-ES-WB-comp-4	LDW-T2-M-ES-WB-comp-5	LDW-T2-M-ES-WB-comp-6
Antimony	0.0103 J	0.0043 J	<i>0.0077J</i>	0.0095 J	0.0111 J	0.0105 J	0.0079 J	0.0067 J	0.0075 J	0.0077 J	0.0046 J	<i>0.0066 J</i>
Arsenic	3.400	2.940	3.625	4.330	3.510	3.770	3.140	3.530	3.160	3.290	3.270	3.385
Arsenic (inorganic)	0.090	0.020	na	na	na	na	0.070	0.040	na	na	na	na
Cadmium	0.0111	0.0050	<i>0.0071</i>	0.0084	0.0105	0.0127	0.0089	0.0075	0.0151	0.0077	0.0073	<i>0.0084</i>
Chromium	0.36	0.17	<i>0.25</i>	0.28	0.38	0.32	0.24	0.18	0.29	0.17	0.14 U	<i>0.19</i>
Cobalt	0.0512	0.0242	<i>0.0388</i>	0.0538	0.0541	0.0561	0.0472	0.0421	0.0529	0.0516	0.0285	<i>0.0416</i>
Copper	0.827	0.494	<i>0.669</i>	0.877	0.896	0.811	0.810	0.575	0.912	3.170	2.800	<i>3.015</i>
Lead	0.3000	0.1210	<i>0.2440</i>	0.2930	0.3080	0.3010	0.1920	0.1830	0.2050	0.946	0.478	<i>0.715</i>
Mercury	0.027	0.010	0.011	0.013	0.016	0.016	0.016	0.016	0.015	0.006	0.005	0.005
Molybdenum	0.0251	0.0123	<i>0.0191</i>	0.0217	0.0357	0.0239	0.0177	0.0178	0.0188	0.0213	0.0133 J	<i>0.0213</i>
Nickel	0.243	0.162	<i>0.216</i>	0.270	0.304	0.217	0.210	0.205	0.248	0.201	0.131	<i>0.211</i>
Selenium	0.182	0.292	<i>0.161</i>	0.205	0.199	0.221	0.179	0.320	0.140	0.21	0.21	<i>0.20</i>
Silver	0.0044 J	0.0020 J	<i>0.0035J</i>	0.0050	0.0066	0.0062	0.0037 J	0.0026 J	0.0055	0.0033 J	0.0034 J	<i>0.0041 J</i>
Thallium	0.0012 J	0.0048 U	<i>0.0053 U</i>	0.0006 J	0.0005 J	0.0006 J	0.0055 U	0.0051 U	0.0006 J	0.0005 J	0.0054 U	0.0005 J
Vanadium	0.42	0.22 J	<i>0.38</i>	0.48	0.40	0.38	0.48	0.38	0.49	0.4	0.2 J	<i>0.4</i>
Zinc	11.2	12.0	<i>12.9</i>	12.5	11.8	12.8	13.0	11.3	12.6	14.4	14.2	<i>12.8</i>

na – not analyzed

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C.

Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Table A1-2. Metal concentrations (mg/kg ww) in English sole whole body tissue samples – Areas T3 and T4

ANALYTE	LDW-T3-M-ES-WB-comp-1	LDW-T3-M-ES-WB-comp-2	LDW-T3-M-ES-WB-comp-3	LDW-T3-M-ES-WB-comp-4	LDW-T3-M-ES-WB-comp-5	LDW-T3-M-ES-WB-comp-6	LDW-T4-M-ES-WB-comp-1	LDW-T4-M-ES-WB-comp-2	LDW-T4-M-ES-WB-comp-3
Antimony	0.0025 J	0.0037 J	0.0037 J	0.0037 J	0.0029 J	0.0042 J	0.0036 J	<i>0.0036 J</i>	0.0039 J
Arsenic	2.230	3.340	3.030	3.320	4.230	2.840	2.390	3.205	2.810
Arsenic (inorganic)	0.040	<i>0.040</i>	na	na	na	na	0.060	na	na
Cadmium	0.0042 J	0.0055	0.0072	0.0070	0.0066	0.0053 J	0.0042 J	<i>0.0069</i>	0.0048 J
Chromium	0.13 U	0.19	0.39	0.17	0.08 J	0.13	0.13 U	<i>0.20</i>	0.11 J
Cobalt	0.0302	0.0496	0.0949	0.0456	0.0315	0.0382	0.0330	<i>0.0516 J</i>	0.0438
Copper	2.120	2.780	2.420	3.470	2.360	2.790	2.080	<i>1.275</i>	2.430
Lead	0.258	0.400	0.518	0.638	0.520	0.417	0.274	<i>0.0977</i>	0.429
Mercury	0.010	0.010	0.011	0.010	0.020	0.007	0.007	0.025	0.011
Molybdenum	0.0121 J	0.0186	0.0430	0.0167	0.0137	0.0148	0.0133	<i>0.0249</i>	0.0178
Nickel	0.127	0.189	0.280	0.185	0.144	0.161	0.120	<i>0.378 J</i>	0.160
Selenium	0.20	0.16	0.22	0.13	0.16	0.20	0.19	<i>0.10</i>	0.18
Silver	0.0016 J	0.0024 J	0.0040 J	0.0029 J	0.0018 J	0.0026 J	0.0013 J	<i>0.0026 J</i>	0.0024 J
Thallium	0.0052 U	0.0049 U	0.0050 U	0.0045 U	0.0043 U	0.0053 U	0.0051 U	<i>0.0049 U</i>	0.0050 U
Vanadium	0.3 J	0.4	0.4	0.4	0.3	0.4	0.3	<i>0.32</i>	0.4
Zinc	12.8	12.9	12.4	13.4	11.3	13.3	11.2	13.5	11.7

na – not analyzed

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C.

Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Table A1-3. Metal concentrations (mg/kg ww) in English sole fillet tissue samples – Areas T1 through T4

ANALYTE	LDW-T1-M-ES-FL-comp-1	LDW-T1-M-ES-FL-comp-2	LDW-T2-M-ES-FL-comp-1	LDW-T2-M-ES-FL-comp-2	LDW-T3-M-ES-FL-comp-1	LDW-T3-M-ES-FL-comp-2	LDW-T4-M-ES-FL-comp-1
Antimony	0.0015 J	0.0012 J	0.0112 U	0.0119 U	0.0109 U	<i>0.0122 U</i>	0.0104 U
Arsenic	6.180	6.890	5.830	5.160	4.650	<i>3.965</i>	4.110
Arsenic (inorganic)	<i>0.003</i>	0.004 J	0.003 U	0.004 J	0.006 J	0.005 J	0.005 J
Cadmium	0.0045 U	0.0044 U	0.0013 J	0.0048 U	0.0044 U	<i>0.0049 U</i>	0.0042 U
Chromium	0.11 U	0.11 U	0.11 U	0.12 U	0.11 U	<i>0.12 U</i>	0.10 U
Cobalt	0.0048	0.0038 J	0.0045	0.0037 J	0.0044	<i>0.0037 J</i>	0.0045
Copper	1.260	1.270	1.100	1.140	1.320	<i>0.386</i>	1.390
Lead	0.137	0.134	0.109	0.062	0.098	<i>0.0119</i>	0.090
Mercury	0.018	0.018	0.025	0.014	0.013	<i>0.016</i>	0.013
Molybdenum	0.0049 J	0.0046 J	0.0056 J	0.0055 J	0.0046 J	<i>0.0065 J</i>	0.0046 J
Nickel	0.042 J	0.022 J	0.024 J	0.015 J	0.020 J	<i>0.079 J</i>	0.019 J
Selenium	0.2	0.20	0.17	0.16	0.19	<i>0.210</i>	0.15
Silver	0.0045 U	0.0044 U	0.0045 U	0.0048 U	0.0044 U	<i>0.0049 U</i>	0.0042 U
Thallium	0.0045 U	0.0044 U	0.0045 U	0.0048 U	0.0044 U	<i>0.0049 U</i>	0.0042 U
Vanadium	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	<i>0.25 U</i>	0.2 U
Zinc	7.74	8.08	8.89	7.35	7.48	<i>7.51</i>	7.37

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C.

Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Table A1-4. Metal concentrations (mg/kg ww) in starry flounder whole body and fillet tissue samples – Area T4

ANALYTE	WHOLE BODY			FILLET
	LDW-T4-M-SF-WB-comp-1	LDW-T4-M-SF-WB-comp-2	LDW-T4-M-SF-WB-comp-3	LDW-T4-M-SF-FL-comp-1
Antimony	0.0035 J	0.0070 J	0.0028 J	0.0036 J
Arsenic	0.973	0.895	0.793	0.899
Arsenic (inorganic)	0.090	na	na	0.003 U
Cadmium	0.0062	0.0079	0.0044 J	0.0043 U
Chromium	0.14	3.74	0.63	0.11 U
Cobalt	0.0496	0.2290 J	0.1450 J	0.0086 J
Copper	2.770	0.725 J	0.550 J	0.272 J
Lead	0.403	0.085	0.035	0.006
Mercury	<i>0.025</i>	0.024	0.021	0.046
Molybdenum	0.0143	0.4100	0.0463	0.0036 J
Nickel	0.202	2.060	0.329	0.034 J
Selenium	0.13	0.16	0.14	0.13
Silver	0.0013 J	0.0076 J	0.0031	0.0043
Thallium	0.0044 U	0.0006 J	0.0045 U	0.0043 U
Vanadium	0.3	0.5	0.2 J	0.2 U
Zinc	15.5	16.1	15.1	7.93

na – not analyzed

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C.

Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Table A1-5. Metal concentrations (mg/kg ww) in Pacific staghorn sculpin whole body tissue samples – Areas T1 and T2

ANALYTE	LDW-T1-A-PS-WB-comp-1	LDW-T1-B-PS-WB-comp-1	LDW-T1-C-PS-WB-comp-1	LDW-T1-D-PS-WB-comp-1	LDW-T1-E-PS-WB-comp-1	LDW-T1-F-PS-WB-comp-1	LDW-T2-A-PS-WB-comp-1	LDW-T2-B-PS-WB-comp-1	LDW-T2-C-PS-WB-comp-1	LDW-T2-D-PS-WB-comp-1	LDW-T2-E-PS-WB-comp-1	LDW-T2-F-PS-WB-comp-1
Antimony	0.004 J	0.006 J	0.002 J	0.003 J	0.007 J	0.004 J	0.003 J	0.002 J	0.003 J	0.002 J	<i>0.002 J</i>	0.002 J
Arsenic	1.430	1.110	0.898	0.938	1.050	1.230	0.828	0.866	0.940	0.979	<i>0.698 J</i>	0.754
Arsenic (inorganic)	na	na	na	na	na	na	na	na	na	na	na	na
Cadmium	0.009	0.010	0.009	0.011	0.007	0.006	0.005	0.003 J	0.008	0.006	<i>0.005 J</i>	0.004
Chromium	0.11 U	0.11 U	0.10 U	0.08 J	0.11	0.10 J	0.10 U	0.10 J	0.11 U	0.11 U	<i>0.11 U</i>	0.10 U
Cobalt	0.0285	0.0360	0.0229	0.0288	0.0246	0.0247	0.0220	0.0222	0.0262	0.0239	<i>0.0245</i>	0.0318
Copper	1.13	0.94	0.86	1.05	1.03	1.00	0.97	0.83	1.22	1.15	<i>1.00</i>	0.93
Lead	0.098	0.095	0.061	0.110	0.091	0.114	0.051	0.064	0.084	0.076	<i>0.036</i>	0.069
Mercury	0.021	0.019	0.018	0.022	0.026	0.028	0.025	0.031	0.034	0.038	0.039	0.030
Molybdenum	0.0144	0.0114	0.0121	0.0153	0.0152	0.0162	0.0111	0.0146	0.0136	0.0131	<i>0.0093 J</i>	0.0115
Nickel	0.169	0.194	0.172	0.180	0.185	0.163	0.145	0.130 U	0.163	0.148	<i>0.157</i>	0.167
Selenium	0.17	0.20	0.17	0.17	0.19	0.18	0.17	0.18	0.19	0.20	<i>0.20</i>	0.20
Silver	0.0070	0.0053	0.0051	0.0071	0.0064	0.0053	0.0049	0.0041 J	0.0057	0.0077	<i>0.0045</i>	0.0039 J
Thallium	0.0007 J	0.0005 J	0.0006 J	0.0005 J	0.0005 J	0.0043 U	0.0042 U	0.0043 U	0.0005 J	0.0005 J	<i>0.0042 U</i>	0.0005 J
Vanadium	0.2 U	0.2 J	0.1 J	0.2 J	0.2 U	0.2 U	0.2 U	0.2 J	0.2 U	0.2 U	0.2 J	0.2
Zinc	12.0	11.1	10.7	11.6	11.8	10.9	11.5	10.8	12.5	13.8	<i>11.5</i>	11.7

na – not analyzed

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C.

Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Table A1-6. Metal concentrations (mg/kg ww) in Pacific staghorn sculpin whole body tissue samples – Areas T3 and T4

ANALYTE	LDW-T3-A-PS-WB-comp-1	LDW-T3-B-PS-WB-comp-1	LDW-T3-C-PS-WB-comp-1	LDW-T3-D-PS-WB-comp-1	LDW-T3-E-PS-WB-comp-1	LDW-T3-F-PS-WB-comp-1	LDW-T4-A-PS-WB-comp-1	LDW-T4-B-PS-WB-comp-1	LDW-T4-C-PS-WB-comp-1	LDW-T4-D-PS-WB-comp-1	LDW-T4-D-PS-WB-comp-2	LDW-T4-E-PS-WB-comp-1
Antimony	0.002 J	0.002 J	0.002 J	0.002 J	0.001 J	0.011 U	0.011 U	0.010 U	<i>0.002 J</i>	0.001 J	0.011 U	0.010 U
Arsenic	0.828	0.477	0.559	0.611	0.517	0.387	0.533	0.450	<i>0.434</i>	0.422	0.398	0.364
Arsenic (inorganic)	na	na	na	na	na	na	na	na	na	na	na	na
Cadmium	0.003 J	0.003 J	0.004 J	0.003 J	0.005	0.004 J	0.004 J	0.002 J	<i>0.003 J</i>	0.005	0.003 J	0.004 J
Chromium	0.10 U	0.10 U	0.10 U	0.06 J	0.11 U	0.11 U	0.11 U	0.10 U	<i>0.09 J</i>	0.11 U	0.11 U	0.10 U
Cobalt	0.0256	0.0203	0.0274	0.0233	0.0217	0.0195	0.0254	0.0215	<i>0.0377</i>	0.0182	0.0231	0.0208
Copper	0.99	0.99	1.05	0.87	0.97	0.78	0.84	0.72	<i>0.78</i>	0.67	0.68	0.75
Lead	0.044	0.037	0.057	0.032	0.023	0.022	0.023	0.018	<i>0.040</i>	0.015	0.015	0.012
Mercury	0.037	0.029	0.024	0.028	0.034	0.034	0.030	<i>0.028</i>	0.033	0.032	0.027	<i>0.024</i>
Molybdenum	0.0107	0.0129	0.0109	0.0118	0.0092 J	0.0097 J	0.0102 J	0.0096 J	<i>0.0121</i>	0.0092 J	0.0083 J	0.0110
Nickel	0.153	0.137	0.169	0.163	0.149	0.126	0.168	0.141	<i>0.184</i>	0.142	0.154	0.158
Selenium	0.18	0.17	0.16	0.19	0.15	0.14	0.15	0.15	<i>0.16</i>	0.23	0.15	0.16
Silver	0.0041 J	0.0046	0.0036 J	0.0031 J	0.0035 J	0.0027 J	0.0029 J	0.0021 J	<i>0.0020 J</i>	0.0015 J	0.0019 J	0.0020 J
Thallium	0.0007 J	0.0005 J	0.0006 J	0.0004 J	0.0042 U	0.0042 U	0.0004 J	0.0004 J	<i>0.0007 J</i>	0.0043 U	0.0005 J	0.0005
Vanadium	0.2 U	0.2 U	0.2 J	0.2 J	0.2 U	0.2 U	0.2 U	0.2 U	<i>0.2 J</i>	0.2 J	0.2 U	0.2 U
Zinc	11.5	11.0	11.2	11.5	11.1	12.8	10.9	9.95	<i>11.4</i>	11.1	10.4	11.3

na – not analyzed

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C.

Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Table A1-7. Metal concentrations (mg/kg ww) in shiner surfperch whole body tissue samples – Areas T1 and T2

ANALYTE	LDW-T1-A-SS-WB-comp-1	LDW-T1-B-SS-WB-comp-1	LDW-T1-C-SS-WB-comp-1	LDW-T1-D-SS-WB-comp-1	LDW-T1-E-SS-WB-comp-1	LDW-T1-F-SS-WB-comp-1	LDW-T2-A-SS-WB-comp-1	LDW-T2-B-SS-WB-comp-1	LDW-T2-C-SS-WB-comp-1	LDW-T2-D-SS-WB-comp-1	LDW-T2-E-SS-WB-comp-1	LDW-T2-F-SS-WB-comp-1
Antimony	0.0032 J	0.0028 J	0.0042 J	0.0042 J	0.0037 J	0.0035 J	0.0047 J	0.0045 J	0.0017 J	0.0021 J	0.0036 J	0.0018 J
Arsenic	0.993	0.753	1.000	0.984	0.816	1.150	1.240	1.240	0.876	1.160	1.050	1.140
Arsenic (inorganic)	0.020	0.020	na	na	na	na	0.160	0.040	na	na	na	na
Cadmium	0.0184	0.0148	0.0176	0.0240	0.0179	0.0166	0.0195	0.0142	0.0157	0.0127	0.0187	0.0148
Chromium	0.13 U	0.09 J	0.09 J	0.20	0.12	0.11 J	0.13	0.19	0.08 J	0.09 J	0.15	0.10 J
Cobalt	0.0279	0.0376	0.0361	0.0432	0.0423	0.0343	0.0425	0.0455	0.0361	0.0298	0.0550	0.0332
Copper	1.460	1.640	2.000	1.860	1.700	1.770	1.830	1.430	1.330	2.090	1.680	1.360
Lead	0.1330	0.1190	0.1490	0.1580	0.1170	0.1050	0.1400	0.1530	0.0719	0.0606	0.1610	0.0952
Mercury	0.018	0.019	0.022	0.028	0.031	0.019	0.030	0.021	0.035	0.021	0.029	0.028
Molybdenum	0.0144	0.0167	0.0207	0.0251	0.0218	0.0190	0.0319	0.0207	0.0142	0.0175	0.0200	0.0138
Nickel	0.316 J	0.382 J	0.469 J	0.456 J	0.493 J	0.409 J	0.501 J	0.399 J	0.340 J	0.468 J	0.433 J	0.315 J
Selenium	0.219	0.186	0.205	0.214	0.187	0.205	0.206	0.178	0.184	0.204	0.192	0.212
Silver	0.0036 J	0.0039 J	0.0063	0.0108	0.0069	0.0061	0.0052	0.0035 J	0.0040 J	0.0038 J	0.0041 J	0.0031 J
Thallium	0.0005 J	0.0047 U	0.0005 J	0.0005 J	0.0005 J	0.0005 J	0.0006 J	0.0006 J	0.0005 J	0.0005 J	0.0007 J	0.0005 J
Vanadium	0.25 U	0.21 J	0.25 U	0.22 J	0.86	0.22 J	0.31	0.25	0.84	0.29	1.23	0.80
Zinc	17.4	22.0	23.0	23.9	23.2	23.0	23.5	22.6	28.0	19.3	26.3	22.2

na – not analyzed

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C.

Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Table A1-8. Metal concentrations (mg/kg ww) in shiner surfperch whole body tissue samples – Areas T3 and T4

ANALYTE	LDW-T3-A-SS-WB-comp-1	LDW-T3-B-SS-WB-comp-1	LDW-T3-C-SS-WB-comp-1	LDW-T3-D-SS-WB-comp-1	LDW-T3-E-SS-WB-comp-1	LDW-T3-F-SS-WB-comp-1	LDW-T4-A-SS-WB-comp-1	LDW-T4-B-SS-WB-comp-1	LDW-T4-B-SS-WB-comp-2	LDW-T4-C-SS-WB-comp-1	LDW-T4-C-SS-WB-comp-2	LDW-T4-D-SS-WB-comp-1
Antimony	0.0032 J	0.0038 J	0.0023 J	0.0063 J	0.0026 J	0.0079 J	0.0019 J	0.0056 J	0.0027 J	0.0025 J	0.0017 J	0.0017 J
Arsenic	0.874	0.900	0.869	0.874	0.879	0.887	0.776	0.895	1.290	0.828	0.715	0.737
Arsenic (inorganic)	0.080	0.100	na	na	na	na	0.050	0.090	na	na	na	na
Cadmium	0.0143	0.0120	0.0179	0.0160	0.0126	0.0152	0.0154	0.0122	0.0113	0.0099	0.0108	0.0103
Chromium	0.16	0.18	0.15	0.45	0.11 J	0.17	0.11 J	0.14	0.14	0.39	0.23	0.26
Cobalt	0.0565	0.0606	0.0378	0.0531	0.0469	0.0472	0.0439	0.0385	0.0316	0.0359	0.0418	0.0439
Copper	1.850	2.180	1.450	2.190	1.770	1.900	1.520	1.500	0.768	0.582	1.360	1.380
Lead	0.1240	0.1450	0.0732	0.2610	0.1150	0.1470	0.0604	0.0618	0.0503	0.0453	0.0512	0.0630
Mercury	0.023	0.029	0.024	0.027	0.031	0.034	0.029	0.032	0.032	0.028	0.028	0.038
Molybdenum	0.0198	0.0207	0.0167	0.0435	0.0207	0.0265	0.0229	0.0211	0.0192	0.0146	0.0207	0.0145
Nickel	0.481 J	0.545 J	0.410 J	0.529 J	0.502 J	0.436 J	0.403 J	0.397	0.184	0.262	0.407	0.392
Selenium	0.163	0.159	0.158	0.180	0.171	0.176	0.189	0.145	0.126	0.135	0.139	0.111
Silver	0.0039 J	0.0059	0.0034 J	0.0064	0.0044 J	0.0061	0.0037 J	0.0029 J	0.0027 J	0.0022 J	0.0024 J	0.0033 J
Thallium	0.0008 J	0.0009 J	0.0006 J	0.0008 J	0.0007 J	0.0008 J	0.0007 J	0.0017 J	0.0007 J	0.0052 U	0.0006 J	0.0008 J
Vanadium	0.46	0.56	0.34	0.51	0.32	0.32	0.23	0.28	0.23 J	0.26	0.28	0.29
Zinc	21.7	23.3	21.8	22.4	19.8	20.5	21.2	22.0	17.9	19.5	20.7	20.8

na – not analyzed

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C.

Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Table A1-9. Metal concentrations (mg/kg ww) in striped and pile perch fillet samples – Area T1

ANALYTE	PILE PERCH FILLET LDW-M-M-PP-FL- comp-1	STRIPED PERCH FILLET LDW-M-M-SP-FL- comp-1
Antimony	0.0016 J	0.0114 U
Arsenic	0.563	0.274
Arsenic (inorganic)	0.010 U	0.010 U
Cadmium	0.0046 U	0.0046 U
Chromium	0.12 U	0.11 U
Cobalt	0.0054	0.0071
Copper	1.100	1.250
Lead	0.022	0.023
Mercury	0.040	0.053
Molybdenum	0.0026 J	0.0025 J
Nickel	0.052	0.064
Selenium	0.12	0.10
Silver	0.0046 U	0.0046 U
Thallium	0.0046 U	0.0046 U
Vanadium	0.2 U	0.2 U
Zinc	7.47	9.33

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C.

Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Table A1-10. Metal concentrations (mg/kg ww) in Dungeness crab edible meat and hepatopancreas samples – Areas T1, T3, and T4

ANALYTE	EDIBLE MEAT							HEPATOPANCREAS		
	LDW-T1-M-DC-EM-comp-1	LDW-T1-M-DC-EM-comp-2	LDW-T1-M-DC-EM-comp-3	LDW-T3-M-DC-EM-comp-1	LDW-T3-M-DC-EM-comp-2	LDW-T3-M-DC-EM-comp-3	LDW-T4-M-DC-EM-comp-1	LDW-T1-M-DC-HP-comp-1	LDW-T3-M-DC-HP-comp-1	LDW-T4-M-DC-HP-comp-1
Antimony	0.0024 J	0.0028 J	0.0022 J	0.0018 J	0.0017 J	<i>0.0015 J</i>	0.0037 J	0.0087	0.0051 J	0.0083 J
Arsenic	3.850	5.550	4.160	2.540	2.920	<i>3.670</i>	6.780	4.030	3.080	4.140
Arsenic (inorganic)	0.010 J	na	na	0.010	na	na	na	0.050	0.090	na
Cadmium	0.0217	0.0152	0.0149	0.0078	0.0055	<i>0.0090</i>	0.0295	0.7250	0.3020	0.7880
Chromium	0.08 U	0.09 U	0.08 U	0.10 U	0.10 U	<i>0.09 U</i>	0.11 U	0.08 U	0.01 U	0.16
Cobalt	0.0498 J	0.0599 J	0.0338 J	0.0482 J	0.0397 J	<i>0.0621 J</i>	0.0736 J	0.1680 J	0.1830 J	0.3250 J
Copper	7.090 J	9.340 J	6.570 J	7.880 J	7.210 J	<i>7.725 J</i>	8.740	33.2 J	21.7 J	17.5
Lead	0.021	0.033	0.025	0.013	0.013	<i>0.012</i>	0.0181	0.094	0.037	0.0593
Mercury	0.034	0.058	0.054	0.058	0.044	0.062	0.045	0.026	0.027	0.036
Molybdenum	0.0127	0.0121	0.0110	0.0130	0.0108	<i>0.0117</i>	0.0168	0.0840	0.1040	0.1310
Nickel	0.036	0.031 J	0.029 J	0.036 J	0.022 J	<i>0.043</i>	0.042 J	0.097	0.082	0.284 J
Selenium	0.16	0.15	0.13	0.14	0.14	<i>0.11</i>	0.175	0.23	0.23	0.249
Silver	0.1030 J	0.1200 J	0.0885 J	0.0985 J	0.0996 J	<i>0.1055 J</i>	0.1460	0.4270 J	0.2460 J	0.3030
Thallium	0.0031 U	0.0037 U	0.0030 U	0.0038 U	0.004 U	<i>0.0035 U</i>	0.0042 U	0.0032 U	0.0004 J	0.0005 J
Vanadium	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	<i>0.2 U</i>	0.21 U	0.2 U	0.2 J	0.24 U
Zinc	30.9	36.3	29.0	35.1	35.6	30.6	36.9	14.8	16.2	22.7

na – not analyzed

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C.

Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Table A1-11. Metal concentrations (mg/kg ww) in slender crab edible meat samples – Areas T1 through T3

ANALYTE	LDW-T1-M-SC-EM-comp-1	LDW-T1-M-SC-EM-comp-2	LDW-T1-M-SC-EM-comp-3	LDW-T2-M-SC-EM-comp-1	LDW-T2-M-SC-EM-comp-2	LDW-T2-M-SC-EM-comp-3	LDW-T2-M-SC-EM-comp-4	LDW-T2-M-SC-EM-comp-5	LDW-T2-M-SC-EM-comp-6	LDW-T3-M-SC-EM-comp-1	LDW-T3-M-SC-EM-comp-2	LDW-T3-M-SC-EM-comp-3
Antimony	0.0025 J	0.0019 J	0.0018 J	0.0014 J	0.0013 J	0.0014 J	0.0011 J	0.0012 J	0.0087 U	0.0010 J	0.0009 J	0.0079 U
Arsenic	3.570	2.680	2.790	2.980	2.700	2.410	2.360	2.900	2.810	2.470	1.670	2.000
Arsenic (inorganic)	0.030	na	na	0.030	0.030	na	na	na	na	0.030	na	na
Cadmium	0.0313	0.0309	0.0444	0.0277	0.0201	0.0291	0.0301	0.0379	0.0279	0.0169	0.0334	0.0180
Chromium	0.09 U	0.10 U	0.09 U	0.10 U	0.09 U	0.08 U	0.09 U	0.10 U	0.09 U	0.09 U	0.07 U	0.08 U
Cobalt	0.0107	0.0145	0.0131	0.0149	0.0112	0.0110 J	0.0132 J	0.0121 J	0.0126 J	0.0156 J	0.0169 J	0.0130 J
Copper	7.250	7.070	5.880	7.000	5.730	6.840	6.140	7.320	6.490	5.340	5.360	4.430
Lead	0.0503	0.0367	0.0485	0.0224	0.0169	0.0324	0.0245	0.0255	0.0213	0.0131	0.0182	0.0145
Mercury	0.039	0.044	0.056	0.060	0.048	0.059	0.035	0.057	0.051	0.053	0.023	0.042
Molybdenum	0.0140	0.0154	0.0158	0.0158	0.0146	0.0131	0.0166	0.0134	0.0149	0.0155	0.0171	0.0136
Nickel	0.052	0.065	0.056	0.060	0.046	0.058 J	0.045 J	0.042 J	0.043 J	0.048 J	0.047 J	0.035 J
Selenium	0.200	0.190	0.160	0.252	0.244	0.213	0.244	0.262	0.202	0.190	0.163	0.192
Silver	0.0617	0.0702	0.0591	0.0627	0.0492	0.0499	0.0562	0.0431	0.0558	0.0560	0.0593	0.0520
Thallium	0.0037 U	0.0039 U	0.0036 U	0.0038 U	0.0037 U	0.0034 U	0.0035 U	0.0038 U	0.0035 U	0.0036 U	0.0027 U	0.0032 U
Vanadium	0.19 U	0.20 U	0.18 U	0.19 U	0.18 U	0.17 U	0.17 U	0.19 U	0.17 U	0.18 U	0.14 U	0.16 U
Zinc	34.5	38.9	37.0	37.8	35.8	32.9	31.5	39.3	33.9	33.4	26.1	31.2

na – not analyzed

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C.

Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Table A1-12. Metal concentrations (mg/kg ww) in slender crab hepatopancreas samples – Areas T1 through T3

ANALYTE	LDW-T1-M-SC-HP-comp-1	LDW-T2-M-SC-HP-comp-1	LDW-T2-M-SC-HP-comp-2	LDW-T3-M-SC-HP-comp-1
Antimony	0.0048 J	0.0025 J	0.0025 J	0.0025 J
Arsenic	3.310	2.720	2.320	2.230
Arsenic (inorganic)	0.080	0.290	0.250	0.330
Cadmium	0.8530	0.3790	0.4320	0.2700
Chromium	0.04 J	0.06 U	0.07 U	0.06 U
Cobalt	0.0808	0.0531 J	0.0548 J	0.0836 J
Copper	49.9	24.8	20.0	12.4
Lead	0.2690	0.1010	0.1040	0.0718
Mercury	0.023	0.025	0.020	0.020
Molybdenum	0.0936	0.0599	0.0663	0.0711
Nickel	0.110	0.075 J	0.075 J	0.092 J
Selenium	0.133	0.172	0.206	0.175
Silver	0.4060	0.2180	0.1710	0.1120
Thallium	0.0008 J	0.0006 J	0.0005 J	0.0004 J
Vanadium	0.11 J	0.13 U	0.14	0.12
Zinc	33.6	25.1	28.3	24.4

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C.

Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Table A1-13. Arsenic concentrations (mg/kg ww) in English sole whole body tissue samples – background areas

ANALYTE	BL-ES-WB-comp-1	BL-ES-WB-comp-2	BL-ES-WB-comp-3	BL-ES-WB-comp-4	BL-ES-WB-comp-5	BL-ES-WB-comp-6	EP-ES-WB-comp-1	EP-ES-WB-comp-2	EP-ES-WB-comp-3	EP-ES-WB-comp-4	EP-ES-WB-comp-5	EP-ES-WB-comp-6
Arsenic (inorganic)	0.020	0.020	0.010	0.020	0.010	0.030	0.010	0.010	0.010	0.020	0.010	0.007 J
Arsenic	4.4	3.0	4.3	4.3	2.4	5.9	2.9	3.1	5.2	3.4	2.7	3.5

Table A1-14. Arsenic concentrations (mg/kg ww) in English sole fillet tissue samples – background areas

ANALYTE	BL-ES-FL-comp-1	BL-ES-FL-comp-2	BL-ES-FL-comp-3	BL-ES-FL-comp-4	BL-ES-FL-comp-5	BL-ES-FL-comp-6	EP-ES-FL-comp-1	EP-ES-FL-comp-2	EP-ES-FL-comp-3	EP-ES-FL-comp-4	EP-ES-FL-comp-5	EP-ES-FL-comp-6
Arsenic (inorganic)	0.010 U	0.004 J	<i>0.002</i>	0.003 U	0.003 U	0.003 U	0.003 U	0.004 J	0.003 U	0.003 U	0.003 U	0.003 U
Arsenic	3.98	6.52	4.57	6.53	6.39	6.63	4.71	3.46	3.55	2.14	4.83	5.43

Table A1-15. Arsenic concentrations (mg/kg ww) in shiner surfperch whole body tissue samples – background areas

ANALYTE	BL-SS-WB-comp-1	BL-SS-WB-comp-2	BL-SS-WB-comp-3	BL-SS-WB-comp-4	BL-SS-WB-comp-5	BL-SS-WB-comp-6	EP-SS-WB-comp-1	EP-SS-WB-comp-2	EP-SS-WB-comp-3
Arsenic (inorganic)	0.020	0.020	<i>0.030</i>	0.020	0.020	0.010	<i>0.009 J</i>	0.010 U	0.010 J
Arsenic	1.35	1.44	1.58	1.37	1.32	1.42	1.15	1.30	1.000

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C.

Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Table A1-16. Arsenic concentrations (mg/kg ww) in Dungeness crab edible meat and hepatopancreas samples – background areas

ANALYTE	EDIBLE MEAT						HEPATOPANCREAS	
	BL-DC-EM-comp-1	BL-DC-EM-comp-2	BL-DC-EM-comp-3	EP-DC-EM-comp-1	EP-DC-EM-comp-2	EP-DC-EM-comp-3	BL-DC-HP-comp-1	EP-DC-HP-comp-1
Arsenic (inorganic)	0.030	0.020	0.020	0.010	<i>0.010</i>	0.010 J	0.340	0.080
Arsenic	6.95	7.60	<i>8.80</i>	7.31	8.76	10.9	7.66	13.1

Table A1-17. Arsenic concentrations (mg/kg ww) in slender crab edible meat and hepatopancreas samples – background areas

ANALYTE	EDIBLE MEAT						HEPATOPANCREAS	
	BL-SC-EM-comp-1	BL-SC-EM-comp-2	BL-SC-EM-comp-3	EP-SC-EM-comp-1	EP-SC-EM-comp-2	EP-SC-EM-comp-3	BL-SC-HP-comp-1	EP-SC-HP-comp-1
Arsenic (inorganic)	0.020	0.020	0.030	0.020	0.020	<i>0.040</i>	0.270	0.080
Arsenic	10.4	10.8	11.3	7.0	5.4	5.6	8.2	2.6

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C.

Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

A.2 Butyltins

Table A2-1. Butyltin concentrations ($\mu\text{g}/\text{kg}$ ww) in English sole whole body tissue samples – Areas T1 and T2

ANALYTE	LDW-T1-M-ES-WB-comp-1	LDW-T1-M-ES-WB-comp-2	LDW-T1-M-ES-WB-comp-3	LDW-T1-M-ES-WB-comp-4	LDW-T1-M-ES-WB-comp-5	LDW-T1-M-ES-WB-comp-6	LDW-T2-M-ES-WB-comp-1	LDW-T2-M-ES-WB-comp-2	LDW-T2-M-ES-WB-comp-3	LDW-T2-M-ES-WB-comp-4	LDW-T2-M-ES-WB-comp-5	LDW-T2-M-ES-WB-comp-6
Monobutyltin as ion	0.95 J	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	UR ^a	1.5 UJ	1.5 UJ	0.94 J	1.5 UJ	0.58 J
Dibutyltin as ion	4.0	1.9	0.89 J	1.1 J	1.9 J	0.90 J	UR ^a	1.5 UJ	1.5 UJ	2.7	2.3	2.7
Tributyltin as ion	7.9	1.5 U	1.9 U	8.7 J	9.9 J	9.9 J	UR ^a	2.1 UJ	1.5 UJ	7.1	7.0	6.8
Tetrabutyltin as ion	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	UR ^a	1.5 UJ	1.5 UJ	1.5 U	1.5 U	1.5 U

^a Rejected because of poor surrogate recovery

Table A2-2. Butyltin concentrations ($\mu\text{g}/\text{kg}$ ww) in English sole whole body tissue samples – Areas T3 and T4

ANALYTE	LDW-T3-M-ES-WB-comp-1	LDW-T3-M-ES-WB-comp-2	LDW-T3-M-ES-WB-comp-3	LDW-T3-M-ES-WB-comp-4	LDW-T3-M-ES-WB-comp-5	LDW-T3-M-ES-WB-comp-6	LDW-T4-M-ES-WB-comp-1	LDW-T4-M-ES-WB-comp-2	LDW-T4-M-ES-WB-comp-3
Monobutyltin as ion	1.5 UJ	1.5 UJ	1.0 J	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	<i>1.5 UJ</i>
Dibutyltin as ion	1.6	1.7 J	2.0	2.0	1.3 J	2.3	1.4 J	0.53 J	<i>1.8</i>
Tributyltin as ion	3.3	5.0	3.1	3.7	4.9	3.2	3.5	1.9 U	<i>4.9</i>
Tetrabutyltin as ion	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	<i>1.5 U</i>

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C.

Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Table A2-3. Butyltin concentrations (µg/kg ww) in English sole fillet tissue samples – Areas T1 through T4

ANALYTE	LDW-T1-M-ES-FL-comp-1	LDW-T1-M-ES-FL-comp-2	LDW-T2-M-ES-FL-comp-1	LDW-T2-M-ES-FL-comp-2	LDW-T3-M-ES-FL-comp-1	LDW-T3-M-ES-FL-comp-2	LDW-T4-M-ES-FL-comp-1
Monobutyltin as ion	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	<i>1.5 UJ</i>	1.5 UJ
Dibutyltin as ion	0.55 J	1.5 U	1.5 U	0.70 J	1.5 U	<i>1.5 U</i>	0.55 J
Tributyltin as ion	1.6	1.4 J	1.2 J	2.2	1.5 U	<i>1.6</i>	1.7
Tetrabutyltin as ion	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	<i>1.5 U</i>	1.5 U

Table A2-4. Butyltin concentrations (µg/kg ww) in starry flounder whole body and fillet tissue samples – Area T4

ANALYTE	WHOLE BODY			FILLET
	LDW-T4-M-SF-WB-comp-1	LDW-T4-M-SF-WB-comp-2	LDW-T4-M-SF-WB-comp-3	LDW-T4-M-SF-FL-comp-1
Monobutyltin as ion	1.9 J	1.0 J	0.64 J	1.5 U
Dibutyltin as ion	5.8	2.6	3.1	1.2 J
Tributyltin as ion	15	11	11	4.4
Tetrabutyltin as ion	1.5 U	1.5 U	1.5 U	1.5 U

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C.

Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Table A2-5. Butyltin concentrations (µg/kg ww) in Pacific staghorn sculpin whole body tissue samples – Areas T1 and T2

ANALYTE	LDW-T1-A-PS-WB-comp-1	LDW-T1-B-PS-WB-comp-1	LDW-T1-C-PS-WB-comp-1	LDW-T1-D-PS-WB-comp-1	LDW-T1-E-PS-WB-comp-1	LDW-T1-F-PS-WB-comp-1	LDW-T2-A-PS-WB-comp-1	LDW-T2-B-PS-WB-comp-1	LDW-T2-C-PS-WB-comp-1	LDW-T2-D-PS-WB-comp-1	LDW-T2-E-PS-WB-comp-1	LDW-T2-F-PS-WB-comp-1
Monobutyltin as ion	0.44 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.49 J	1.0 U	1.0 U
Dibutyltin as ion	9.0	7.4	3.6	2.8	4.2	3.4	4.1	3.1	4.4	5.2	3.8	3.0
Tributyltin as ion	34	40	29	27	36	30	32	26	27	35	39	33
Tetrabutyltin as ion	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

Table A2-6. Butyltin concentrations (µg/kg ww) in Pacific staghorn sculpin whole body tissue samples – Areas T3 and T4

ANALYTE	LDW-T3-A-PS-WB-comp-1	LDW-T3-B-PS-WB-comp-1	LDW-T3-C-PS-WB-comp-1	LDW-T3-D-PS-WB-comp-1	LDW-T3-E-PS-WB-comp-1	LDW-T3-F-PS-WB-comp-1	LDW-T4-A-PS-WB-comp-1	LDW-T4-B-PS-WB-comp-1	LDW-T4-C-PS-WB-comp-1	LDW-T4-D-PS-WB-comp-1	LDW-T4-D-PS-WB-comp-2	LDW-T4-E-PS-WB-comp-1
Monobutyltin as ion	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	<i>1.0 U</i>	1.0 U	1.0 U	27	1.0 U
Dibutyltin as ion	4.3	3.5	3.5	4.1	2.5	2.7	2.5	<i>2.1</i>	2.6	2.6	110	2.6
Tributyltin as ion	29	25	27	28	28	26	26	23	25	29	80	27
Tetrabutyltin as ion	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	<i>1.0 U</i>	1.0 U	1.0 U	66	1.0 U

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C.

Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Table A2-7. Butyltin concentrations (µg/kg ww) in shiner surfperch whole body tissue samples – Areas T1 and T2

ANALYTE	LDW-T1-A-SS-WB-comp-1	LDW-T1-B-SS-WB-comp-1	LDW-T1-C-SS-WB-comp-1	LDW-T1-D-SS-WB-comp-1	LDW-T1-E-SS-WB-comp-1	LDW-T1-F-SS-WB-comp-1	LDW-T2-A-SS-WB-comp-1	LDW-T2-B-SS-WB-comp-1	LDW-T2-C-SS-WB-comp-1	LDW-T2-D-SS-WB-comp-1	LDW-T2-E-SS-WB-comp-1	LDW-T2-F-SS-WB-comp-1
Monobutyltin as ion	2.4	2.4	2.9	2.9	2.9	3.4	4.0	2.7	3.9	3.2	2.8	2.9
Dibutyltin as ion	12	10	11	11	12	14	17	13	12	13	11	11
Tributyltin as ion	49	47	44	53	46	54	58	51	50	56	47	49
Tetrabutyltin as ion	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U

Table A2-8. Butyltin concentrations (µg/kg ww) in shiner surfperch whole body tissue samples – Areas T3 and T4

ANALYTE	LDW-T3-A-SS-WB-comp-1	LDW-T3-B-SS-WB-comp-1	LDW-T3-C-SS-WB-comp-1	LDW-T3-D-SS-WB-comp-1	LDW-T3-E-SS-WB-comp-1	LDW-T3-F-SS-WB-comp-1	LDW-T4-A-SS-WB-comp-1	LDW-T4-B-SS-WB-comp-1	LDW-T4-B-SS-WB-comp-2	LDW-T4-C-SS-WB-comp-1	LDW-T4-C-SS-WB-comp-2	LDW-T4-D-SS-WB-comp-1
Monobutyltin as ion	2.2	1.1 J	2.0	1.8	1.7 J	0.92 J	1.8 J	2.7 J	0.75 J	1.5 J	1.9 J	1.6 J
Dibutyltin as ion	9.2	7.3	8.6 J	8.7	7.9	7.6	8.7	10	7.7	9.2	9.0	6.8
Tributyltin as ion	42	33	37	40	41	39	43	47	43	45	45	35
Tetrabutyltin as ion	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C.

Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Table A2-9. Butyltin concentrations (µg/kg ww) in striped and pile perch fillet samples – Area T1

ANALYTE	PILE PERCH FILLET LDW-M-M-PP-FL- comp-1	STRIPED PERCH FILLET LDW-M-M-SP-FL- comp-1
Monobutyltin as ion	1.5 UJ	1.5 UJ
Dibutyltin as ion	1.5 J	1.3 J
Tributyltin as ion	4.8	7.0
Tetrabutyltin as ion	1.5 U	1.5 U

Table A2-10. Butyltin concentrations (µg/kg ww) in Dungeness crab edible meat and hepatopancreas samples – Areas T1, T3, and T4

ANALYTE	EDIBLE MEAT							HEPATOPANCREAS		
	LDW-T1- M-DC-EM- comp-1	LDW-T1- M-DC-EM- comp-2	LDW-T1- M-DC-EM- comp-3	LDW-T3- M-DC-EM- comp-1	LDW-T3- M-DC-EM- comp-2	LDW-T3- M-DC-EM- comp-3	LDW-T4- M-DC-EM- comp-1	LDW-T1- M-DC-HP- comp-1	LDW-T3- M-DC-HP- comp-1	LDW-T4- M-DC-HP- comp-1
Monobutyltin as ion	1.5 U	<i>1.5 U</i>	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.3 J	1.6	1.5 U
Dibutyltin as ion	1.5 U	<i>1.5 U</i>	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	7.7	8.3	9.1
Tributyltin as ion	1.6	<i>1.6 J</i>	2.5	1.4 J	3.3	1.6	0.81 J	16	40	38
Tetrabutyltin as ion	1.5 U	<i>1.5 U</i>	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C.

Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Table A2-11. Butyltin concentrations (µg/kg ww) in slender crab edible meat samples – Areas T1 through T3

ANALYTE	LDW-T1-M-SC-EM-comp-1	LDW-T1-M-SC-EM-comp-2	LDW-T1-M-SC-EM-comp-3	LDW-T2-M-SC-EM-comp-1	LDW-T2-M-SC-EM-comp-2	LDW-T2-M-SC-EM-comp-3	LDW-T2-M-SC-EM-comp-4	LDW-T2-M-SC-EM-comp-5	LDW-T2-M-SC-EM-comp-6	LDW-T3-M-SC-EM-comp-1	LDW-T3-M-SC-EM-comp-2	LDW-T3-M-SC-EM-comp-3
Monobutyltin as ion	1.5 UJ	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	<i>1.5 U</i>	1.5 U	1.5 U	1.5 U
Dibutyltin as ion	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	<i>1.5 U</i>	1.5 U	1.5 U	1.5 U
Tributyltin as ion	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	<i>1.5 U</i>	1.5 U	1.5 U	1.5 U
Tetrabutyltin as ion	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	<i>1.5 U</i>	1.5 U	1.5 U	1.5 U

Table A2-12. Butyltin concentrations (µg/kg ww) in slender crab hepatopancreas samples – Areas T1 through T3

ANALYTE	LDW-T1-M-SC-HP-comp-1	LDW-T2-M-SC-HP-comp-1	LDW-T2-M-SC-HP-comp-2	LDW-T3-M-SC-HP-comp-1
Monobutyltin as ion	1.4 J	1.5	1.4 J	1.3 J
Dibutyltin as ion	0.85 J	1.4 J	1.2 J	1.4 J
Tributyltin as ion	1.5 U	1.5 U	0.50 J	0.55 J
Tetrabutyltin as ion	1.5 U	1.5 U	1.5 U	1.5 U

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C.

Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

A.3 Polycyclic Aromatic Hydrocarbons (PAHs)

Table A3-1. PAH concentrations ($\mu\text{g}/\text{kg}$ ww) in English sole whole body tissue samples – Areas T1 and T2

ANALYTE	LDW-T1-M-ES-WB-comp-1	LDW-T1-M-ES-WB-comp-2	LDW-T1-M-ES-WB-comp-3	LDW-T1-M-ES-WB-comp-4	LDW-T1-M-ES-WB-comp-5	LDW-T1-M-ES-WB-comp-6	LDW-T2-M-ES-WB-comp-1	LDW-T2-M-ES-WB-comp-2	LDW-T2-M-ES-WB-comp-3	LDW-T2-M-ES-WB-comp-4	LDW-T2-M-ES-WB-comp-5	LDW-T2-M-ES-WB-comp-6
Acenaphthene	3.5	3.9	7.0	5.8	5.3	6.1	10	22	8.6	12	9.4	9.7
Acenaphthylene	1.8	1.8	2.8	1.9	2.0	2.2	2.4	2.4	2.1	1.9	1.8	1.9
Anthracene	2.9	2.8	5.7	7.6	3.9	3.9	4.0	4.4	9.0	4.2	3.4	3.5
Benzo(a)anthracene	2.1	1.2	1.9	3.1	2.4	1.7	2.0	2.7	3.6	2.8	1.3	2.0
Benzo(a)pyrene	1.8	0.56 J	1.1	1.5	1.8	1.4	1.0	1.5	1.6	1.6	0.49 J	1.1
Benzo(b)fluoranthene	3.1	1.0	2.0	3.0	2.7	2.2	1.8	1.9	2.0	2.6	0.98	1.8
Benzo(g,h,i)perylene	1.2	0.26 J	0.61 J	1.0	0.98	1.1	0.63 J	0.80	0.99	0.74	0.33 J	0.70
Benzo(k)fluoranthene	2.1	0.82	1.4	2.1	2.3	1.6	1.4	2.3	2.7	2.1	0.96	1.5
Benzo(a)fluoranthenes (total-calc'd)	5.2	1.8	3.4	5.1	5.0	3.8	3.2	4.2	4.7	4.7	1.94	3.3
Chrysene	3.1	1.7	2.6	4.6	3.4	3.3	2.6	3.8	9.0	4.5	2.0	2.3
Dibenzo(a,h)anthracene	0.45 J	0.72 U	0.15 J	0.22 J	0.36 J	0.72 U	0.72 U	0.72 U	0.72 U	0.15 J	0.50 U	0.12 J
Dibenzofuran	1.7	1.9	3.7	3.4	2.5	2.8	4.7	9.5	4.0	5.6	4.4	4.4
Fluoranthene	4.0	3.0	5.3	11	5.2	3.7	6.5	8.8	6.7	8.4	4.8	6.2
Fluorene	1.4	1.5	4.0	4.8	2.1	2.3	3.6	6.3	3.5	4.5	3.3	3.3
Indeno(1,2,3-cd)pyrene	1.0	0.28 J	0.62 J	1.1	1.2	1.4	0.71 J	1.0	1.0	0.85	0.25 J	0.59
Naphthalene	5.1 U	5.5 U	7.8 U	6.4	5.8	6.9	8.7	12	7.4	6.9	6.9	5.5
2-Methylnaphthalene	2.7	2.8	4.6	3.9	3.5	3.9	5.2	10	4.7	5.3	5.4	4.2
Phenanthrene	2.6	2.4	7.1	13	3.8	3.3	4.2	7.1	5.5	6.1	4.4	4.4
Pyrene	3.3	1.9	3.3	7.7	4.0	2.5	3.9	6.0	4.3	5.3	2.8	4.4
Total HPAH (calc'd)	22.2 J	10.7 J	19.0 J	35 J	24.3 J	18.9	20.5 J	28.8	31.9	29.0 J	13.9 J	20.7 J
Total LPAH (calc'd)	12.2	12.4	26.6	40	22.9	24.7	33	54	36.1	36	29.2	28.3
Total PAH (calc'd)	34.4 J	23.1 J	45.6 J	75 J	47.2 J	43.6	53 J	83	68.0	65 J	43.1 J	49.0 J

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Methods for calculating total benzofluoranthenes, total LPAHs, total HPAHs, and total PAHs are presented in Appendix C.

Table A3-2. PAH concentrations (µg/kg ww) in English sole whole body tissue samples – Areas T3 and T4

ANALYTE	LDW-T3-M-ES-WB-comp-1	LDW-T3-M-ES-WB-comp-2	LDW-T3-M-ES-WB-comp-3	LDW-T3-M-ES-WB-comp-4	LDW-T3-M-ES-WB-comp-5	LDW-T3-M-ES-WB-comp-6	LDW-T4-M-ES-WB-comp-1	LDW-T4-M-ES-WB-comp-2	LDW-T4-M-ES-WB-comp-3
Acenaphthene	9.7	7.3	8.4	3.7	7.6	8.1	8.5	8.5	6.2
Acenaphthylene	1.3	1.3	1.3	0.68	0.56	1.5	1.6	1.1	1.2
Anthracene	2.1	2.2	2.4	1.2	0.89	2.4	2.8	1.7	2.1
Benzo(a)anthracene	0.50 U	0.50 U	0.54	1.4	0.38 J	1.2	0.50 U	0.35 J	0.50 U
Benzo(a)pyrene	0.50 U	0.50 U	0.50 U	1.4	0.50 U	1.6	0.50 U	0.72 U	0.50 U
Benzo(b)fluoranthene	0.50 U	0.50 U	0.69	1.6	0.55	1.2	0.50 U	0.72 U	0.33 J
Benzo(g,h,i)perylene	0.50 U	0.50 U	0.26 J	0.92	0.30 J	1.1	0.50 U	0.72 U	0.21 J
Benzo(k)fluoranthene	0.50 U	0.50 U	0.65	1.4	0.52	1.5	0.50 U	0.72 U	0.25 J
Benzofluoranthenes (total-calc'd)	0.50 U	0.50 U	1.34	3.0	1.07	2.7	0.50 U	0.72 U	0.58 J
Chrysene	0.50 U	0.50 U	1.1	2.0	0.72	2.0	0.50 U	0.65 J	0.50 U
Dibenzo(a,h)anthracene	0.50 U	0.50 U	0.50 U	0.21 J	0.50 U	0.50 U	0.50 U	0.72 U	0.50 U
Dibenzofuran	4.1	3.4	3.7	1.6	3.2	4.0	4.0	3.6	2.7
Fluoranthene	3.4	2.5	3.2	3.4	2.3	4.7	3.7	3.2	2.7
Fluorene	2.9	2.3	2.7	1.2	2.1	2.7	2.8	2.4	1.9
Indeno(1,2,3-cd)pyrene	0.50 U	0.50 U	0.28 J	0.92	0.28 J	1.1	0.50 U	0.72 U	0.16 J
Naphthalene	4.7	3.8	4.2	2.6	3.2	4.0	4.3	4.8 U	3.5
2-Methylnaphthalene	3.2	2.8	2.9	1.6	2.5	2.7	2.7	2.5	2.1
Phenanthrene	2.7	2.6	3.0	1.9	2.6	3.4	3.0	2.5	2.1
Pyrene	1.4	1.3	1.6	2.3	1.2	3.8	1.9	1.4	1.4
Total HPAH (calc'd)	4.8	3.8	8.3 J	15.6 J	6.3 J	18.2	5.6	5.6 J	5.1 J
Total LPAH (calc'd)	23.4	19.5	22.0	11.3	17.0	22.1	23.0	16.2	17.0
Total PAH (calc'd)	28.2	23.3	30.3 J	26.8 J	23.2 J	40.3	28.6	21.8 J	22.1 J

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Methods for calculating total benzofluoranthenes, total LPAHs, total HPAHs, and total PAHs are presented in Appendix C.

Table A3-3. PAH concentrations (µg/kg ww) in English sole fillet tissue samples – Areas T1 through T4

ANALYTE	LDW-T1- M-ES-FL- comp-1	LDW-T1- M-ES-FL- comp-2	LDW-T2- M-ES-FL- comp-1	LDW-T2- M-ES-FL- comp-2	LDW-T3- M-ES-FL- comp-1	LDW-T3- M-ES-FL- comp-2	LDW-T4- M-ES-FL- comp-1
Acenaphthene	3.5	2.9	6.6	4.6	2.1	5.2	2.4
Acenaphthylene	1.0	0.65	0.87	1.0	0.27 <i>J</i>	0.71	0.29 <i>J</i>
Anthracene	1.6	1.2	1.6	1.7	0.40 <i>J</i>	0.97	0.41 <i>UJ</i>
Benzo(a)anthracene	0.50 <i>U</i>	0.36 <i>J</i>	0.17 <i>J</i>	0.50 <i>U</i>	0.27 <i>J</i>	0.21	0.50 <i>U</i>
Benzo(a)pyrene	0.50 <i>U</i>	0.50 <i>U</i>	0.50 <i>U</i>	0.50 <i>U</i>	0.18 <i>J</i>	0.72 <i>U</i>	0.50 <i>U</i>
Benzo(b)fluoranthene	0.50 <i>U</i>	0.50 <i>U</i>	0.50 <i>U</i>	0.50 <i>U</i>	0.19 <i>J</i>	0.16	0.50 <i>U</i>
Benzo(g,h,i)perylene	0.50 <i>U</i>	0.50 <i>U</i>	0.50 <i>U</i>	0.50 <i>U</i>	0.20 <i>J</i>	0.21	0.50 <i>U</i>
Benzo(k)fluoranthene	0.50 <i>U</i>	0.50 <i>U</i>	0.50 <i>U</i>	0.50 <i>U</i>	0.22 <i>J</i>	0.18	0.50 <i>U</i>
Benzofluoranthenes (total-calc'd)	0.50 <i>U</i>	0.50 <i>U</i>	0.50 <i>U</i>	0.50 <i>U</i>	0.41 <i>J</i>	0.34	0.50 <i>U</i>
Chrysene	0.50 <i>U</i>	0.33 <i>J</i>	0.12 <i>J</i>	0.50 <i>U</i>	0.31 <i>J</i>	0.20	0.50 <i>U</i>
Dibenzo(a,h)anthracene	0.50 <i>U</i>	0.50 <i>U</i>	0.50 <i>U</i>	0.50 <i>U</i>	0.50 <i>U</i>	0.24	0.50 <i>U</i>
Dibenzofuran	1.6	1.4	2.9	2.0	0.96	2.3	1.1
Fluoranthene	1.2 <i>U</i>	1.4 <i>U</i>	1.6	1.4 <i>U</i>	0.82	1.7	0.87 <i>U</i>
Fluorene	1.3	1.0	2.1	1.4	0.72	1.5	0.76
Indeno(1,2,3-cd)pyrene	0.50 <i>U</i>	0.50 <i>U</i>	0.50 <i>U</i>	0.50 <i>U</i>	0.19 <i>J</i>	0.21	0.50 <i>U</i>
Naphthalene	3.5	3.1	3.5	4.1	1.8	4.1	1.7
2-Methylnaphthalene	2.3	1.9	2.8	2.6	0.98 <i>J</i>	2.0	0.99 <i>J</i>
Phenanthrene	1.6 <i>U</i>	1.6 <i>U</i>	2.4	1.6 <i>U</i>	0.82	1.7	0.89 <i>U</i>
Pyrene	0.59 <i>U</i>	0.91 <i>U</i>	0.54 <i>U</i>	0.54 <i>U</i>	0.33 <i>J</i>	0.64 <i>J</i>	0.36 <i>U</i>
Total HPAH (calc'd)	1.2 <i>U</i>	0.69 <i>J</i>	1.9 <i>J</i>	1.4 <i>U</i>	2.71 <i>J</i>	3.8 <i>J</i>	0.87 <i>U</i>
Total LPAH (calc'd)	10.9	8.9	17.1	12.8	6.1 <i>J</i>	14.2	5.2 <i>J</i>
Total PAH (calc'd)	10.9	9.5 <i>J</i>	19.0 <i>J</i>	12.8	8.8 <i>J</i>	17.9 <i>J</i>	5.2 <i>J</i>

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Methods for calculating total benzofluoranthenes, total LPAHs, total HPAHs, and total PAHs are presented in Appendix C.

Table A3-4. PAH concentrations (µg/kg ww) in starry flounder whole body and fillet tissue samples – Area T4

ANALYTE	WHOLE BODY			FILLET
	LDW-T4-M-SF-WB-comp-1	LDW-T4-M-SF-WB-comp-2	LDW-T4-M-SF-WB-comp-3	LDW-T4-M-SF-FL-comp-1
Acenaphthene	4.6	5.7	9.0	5.0
Acenaphthylene	0.47 J	0.38 J	0.56 J	0.44 J
Anthracene	0.66 U	0.59 J	0.77	0.51 J
Benzo(a)anthracene	0.28 J	0.32 J	0.26 J	0.34 J
Benzo(a)pyrene	0.35 J	0.36 J	0.30 J	0.37 J
Benzo(b)fluoranthene	0.57	0.46 J	0.30 J	0.27 J
Benzo(g,h,i)perylene	0.36 J	0.36 J	0.25 J	0.36 J
Benzo(k)fluoranthene	0.57	0.36 J	0.30 J	0.31 J
Benzo(a)fluoranthenes (total-calc'd)	1.14	0.82 J	0.60 J	0.58 J
Chrysene	0.88	0.71 J	0.50 J	0.53 J
Dibenzo(a,h)anthracene	0.50 U	0.72 U	0.14 J	0.71 U
Dibenzofuran	2.2	2.8	4.6	2.3
Fluoranthene	2.4	2.3	2.4	1.8
Fluorene	1.6	2.0	3.8	1.6
Indeno(1,2,3-cd)pyrene	0.35 J	0.72 U	0.20 J	0.32 J
Naphthalene	2.4	3.1 U	4.1	3.7 U
2-Methylnaphthalene	1.7	2.1	2.8	2.0
Phenanthrene	1.9	2.5	3.8	1.7
Pyrene	1.5	1.3	1.1	1.0
Total HPAH (calc'd)	7.3 J	6.2 J	5.8 J	5.3 J
Total LPAH (calc'd)	11.0 J	11.2 J	22.0 J	9.3 J
Total PAH (calc'd)	18.2 J	17.3 J	27.8 J	14.6 J

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Methods for calculating total benzo(a)fluoranthenes, total LPAHs, total HPAHs, and total PAHs are presented in Appendix C.

Table A3-5. PAH concentrations (µg/kg ww) in Pacific staghorn sculpin whole body tissue samples – Areas T1 and T2

ANALYTE	LDW-T1-A-PS-WB-comp-1	LDW-T1-B-PS-WB-comp-1	LDW-T1-C-PS-WB-comp-1	LDW-T1-D-PS-WB-comp-1	LDW-T1-E-PS-WB-comp-1	LDW-T1-F-PS-WB-comp-1	LDW-T2-A-PS-WB-comp-1	LDW-T2-B-PS-WB-comp-1	LDW-T2-C-PS-WB-comp-1	LDW-T2-D-PS-WB-comp-1	LDW-T2-E-PS-WB-comp-1	LDW-T2-F-PS-WB-comp-1
Acenaphthene	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Acenaphthylene	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Anthracene	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Benzo(a)anthracene	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Benzo(a)pyrene	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Benzo(b)fluoranthene	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Benzo(g,h,i)perylene	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Benzo(k)fluoranthene	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Benzofluoranthenes (total-calc'd)	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Chrysene	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Dibenzo(a,h)anthracene	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Dibenzofuran	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Fluoranthene	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Fluorene	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Indeno(1,2,3-cd)pyrene	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Naphthalene	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
2-Methylnaphthalene	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Phenanthrene	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Pyrene	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Total HPAH (calc'd)	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Total LPAH (calc'd)	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Total PAH (calc'd)	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Methods for calculating total benzofluoranthenes, total LPAHs, total HPAHs, and total PAHs are presented in Appendix C.

Table A3-6. PAH concentrations (µg/kg ww) in Pacific staghorn sculpin whole body tissue samples – Areas T3 and T4

ANALYTE	LDW-T3-A-PS-WB-comp-1	LDW-T3-B-PS-WB-comp-1	LDW-T3-C-PS-WB-comp-1	LDW-T3-D-PS-WB-comp-1	LDW-T3-E-PS-WB-comp-1	LDW-T3-F-PS-WB-comp-1	LDW-T4-A-PS-WB-comp-1	LDW-T4-B-PS-WB-comp-1	LDW-T4-C-PS-WB-comp-1	LDW-T4-D-PS-WB-comp-1	LDW-T4-D-PS-WB-comp-2	LDW-T4-E-PS-WB-comp-1
Acenaphthene	400 U	400 U	400 U	400 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
Acenaphthylene	400 U	400 U	400 U	400 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
Anthracene	400 U	400 U	400 U	400 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
Benzo(a)anthracene	400 U	400 U	400 U	400 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
Benzo(a)pyrene	400 U	400 U	400 U	400 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
Benzo(b)fluoranthene	400 U	400 U	400 U	400 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
Benzo(g,h,i)perylene	400 U	400 U	400 U	400 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
Benzo(k)fluoranthene	400 U	400 U	400 U	400 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
Benzo(a)fluoranthenes (total-calc'd)	400 U	400 U	400 U	400 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
Chrysene	400 U	400 U	400 U	400 U	40 U	9.0 J	40 U	40 U	40 U	40 U	40 U	40 U
Dibenzo(a,h)anthracene	400 U	400 U	400 U	400 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
Dibenzofuran	400 U	400 U	400 U	400 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
Fluoranthene	400 U	400 U	400 U	400 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
Fluorene	400 U	400 U	400 U	400 U	40 U	40 U	40 U	6.5 J	7.7 J	40 U	40 U	40 U
Indeno(1,2,3-cd)pyrene	400 U	400 U	400 U	400 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
Naphthalene	400 U	400 U	400 U	400 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
2-Methylnaphthalene	400 U	400 U	400 U	400 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
Phenanthrene	400 U	400 U	400 U	400 U	40 U	40 U	40 U	40 U	15 U	40 U	40 U	40 U
Pyrene	400 U	400 U	400 U	400 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
Total HPAH (calc'd)	400 U	400 U	400 U	400 U	40 U	9.0 J	40 U	40 U	40 U	40 U	40 U	40 U
Total LPAH (calc'd)	400 U	400 U	400 U	400 U	40 U	40 U	40 U	6.5 J	7.7 J	40 U	40 U	40 U
Total PAH (calc'd)	400 U	400 U	400 U	400 U	40 U	9.0 J	40 U	6.5 J	7.7 J	40 U	40 U	40 U

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Methods for calculating total benzofluoranthenes, total LPAHs, total HPAHs, and total PAHs are presented in Appendix C.

Table A3-7. PAH concentrations (µg/kg ww) in shiner surfperch whole body tissue samples – Areas T1 and T2

ANALYTE	LDW-T1-A-SS-WB-comp-1	LDW-T1-B-SS-WB-comp-1	LDW-T1-C-SS-WB-comp-1	LDW-T1-D-SS-WB-comp-1	LDW-T1-E-SS-WB-comp-1	LDW-T1-F-SS-WB-comp-1	LDW-T2-A-SS-WB-comp-1	LDW-T2-B-SS-WB-comp-1	LDW-T2-C-SS-WB-comp-1	LDW-T2-D-SS-WB-comp-1	LDW-T2-E-SS-WB-comp-1	LDW-T2-F-SS-WB-comp-1
Acenaphthene	9.8	9.6	6.9	6.9	6.8	7.6	10	8.4	4.8	9.3	9.0	<i>12</i>
Acenaphthylene	1.2	0.75	0.75	0.75	0.70 J	0.78	1.4	0.81	0.59 J	1.0	1.1	<i>1.2</i>
Anthracene	1.9	0.91	1.1	0.96	0.82	1.0	2.1	1.5	0.66 J	1.4	1.8	<i>1.8</i>
Benzo(a)anthracene	0.31 J	0.19 J	0.53 J	0.39 J	0.47 J	0.17 J	0.72 U	1.7	0.33 J	1.1	1.4	<i>1.00 J</i>
Benzo(a)pyrene	0.24 J	0.23 J	0.29 J	0.26 J	0.35 J	0.72 U	0.72 U	1.2	0.13 J	0.31 J	1.1	<i>0.40 J</i>
Benzo(b)fluoranthene	0.60 J	0.53 J	0.77	0.43 J	0.72	0.31 J	0.55 J	1.7	0.34 J	0.76	2.3	<i>0.60 J</i>
Benzo(g,h,i)perylene	0.29 UJ	0.26 UJ	0.28 UJ	0.29 UJ	0.35 UJ	0.20 UJ	0.26 UJ	0.95	0.20 UJ	0.29 UJ	0.99	<i>0.39</i>
Benzo(k)fluoranthene	0.53 J	0.32 J	0.64 J	0.50 J	0.62 J	0.31 J	0.44 J	1.6	0.35 J	0.65 J	2.2	<i>0.61 J</i>
Benzo(a)fluoranthenes (total-calc'd)	1.13 J	0.85 J	1.41 J	0.93 J	1.34 J	0.62 J	0.99 J	3.3	0.69 J	1.41 J	4.5	<i>1.21 J</i>
Chrysene	1.1	0.93	1.4	1.0	0.84	0.66 J	1.2	2.5	0.63 J	1.3	4.4	<i>1.3</i>
Dibenzo(a,h)anthracene	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.20 UJ	0.72 U	0.72 U	0.22 UJ	<i>0.24</i>
Dibenzofuran	5.2	5.3	3.4	3.5	3.9	4.0	5.5	4.6	2.7	4.7	4.1	<i>6.0</i>
Fluoranthene	5.3	5.3	4.1	3.8	3.7	3.5	4.9	9.4	3.1	8.3	7.5	<i>5.2</i>
Fluorene	4.8	5.0	3.1	3.1	3.5	3.4	5.0	4.6	2.4	4.2	3.7	<i>5.5</i>
Indeno(1,2,3-cd)pyrene	0.23 UJ	0.20 UJ	0.25 UJ	0.20 UJ	0.32 UJ	0.16 UJ	0.23 UJ	1.0	0.15 UJ	0.27 UJ	1.1	<i>0.34</i>
Naphthalene	7.8	4.9 U	4.4 U	4.0 U	4.9 U	3.8 U	6.1	4.9 U	3.5 U	5.2 U	5.8	<i>8.7</i>
2-Methylnaphthalene	8.8	4.5	4.7	4.4	3.5	3.0	4.5	4.1	2.1	4.0	6.3	<i>6.3</i>
Phenanthrene	7.7	7.9	4.4	4.7	5.6	4.8	6.9	11	4.1	7.0	5.2	<i>8.0</i>
Pyrene	2.4	2.1	2.2	1.9	1.8	1.8	2.1	5.7	1.4	4.2	4.4	<i>2.4</i>
Total HPAH (calc'd)	10.5 J	9.6 J	9.9 J	8.3 J	8.5 J	6.8 J	9.2 J	25.8	6.3 J	16.6 J	25.4	<i>12.5 J</i>
Total LPAH (calc'd)	33.2	24.2	16.3	16.4	17.4 J	17.6	32	26	12.6 J	22.9	26.6	<i>37</i>
Total PAH (calc'd)	43.7 J	33.8 J	26.2 J	24.7 J	25.9 J	24.3 J	41 J	52	18.8 J	39.5 J	52.0	<i>50 J</i>

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Methods for calculating total benzofluoranthenes, total LPAHs, total HPAHs, and total PAHs are presented in Appendix C.

Table A3-8. PAH concentrations (µg/kg ww) in shiner surfperch whole body tissue samples – Areas T3 and T4

ANALYTE	LDW-T3-A-SS-WB-comp-1	LDW-T3-B-SS-WB-comp-1	LDW-T3-C-SS-WB-comp-1	LDW-T3-D-SS-WB-comp-1	LDW-T3-E-SS-WB-comp-1	LDW-T3-F-SS-WB-comp-1	LDW-T4-A-SS-WB-comp-1	LDW-T4-B-SS-WB-comp-1	LDW-T4-B-SS-WB-comp-2	LDW-T4-C-SS-WB-comp-1	LDW-T4-C-SS-WB-comp-2	LDW-T4-D-SS-WB-comp-1
Acenaphthene	11	11	9.3	14	11	13	6.9	8.0	13	9.6	7.9	13
Acenaphthylene	1.0	1.4	0.78	1.1	0.83	1.1	0.59 J	0.60 J	0.81	0.74	0.55 J	0.63 J
Anthracene	1.1	1.9	0.94	1.7	1.2	1.7	0.68 J	0.70 J	1.3	1.0	0.61 J	1.1
Benzo(a)anthracene	0.23 J	1.1	0.28 J	0.31 J	0.52 J	1.7	0.19 J	0.17 J	0.17 J	0.15 J	0.17 J	0.43 J
Benzo(a)pyrene	0.45 J	0.90	0.72 U	0.55 J	0.41 J	1.5	0.16 J	0.16 J	0.13 J	0.72 U	0.72 U	0.34 J
Benzo(b)fluoranthene	0.49 J	1.2	0.38 J	0.60 J	0.56 J	2.1	0.21 J	0.26 J	0.36 J	0.21 J	0.19 J	0.44 J
Benzo(g,h,i)perylene	0.33 UJ	0.67 UJ	0.20 UJ	0.41 UJ	0.42 UJ	0.79	0.18 UJ	0.16 UJ	0.22 J	0.16 J	0.18 J	0.25 J
Benzo(k)fluoranthene	0.51 J	1.1	0.29 J	0.61 J	0.50 J	1.7	0.18 J	0.21 J	0.39 J	0.72 U	0.20 J	0.49 J
Benzofluoranthenes (total-calc'd)	1.00 J	2.3	0.67 J	1.21 J	1.06 J	3.8	0.39 J	0.47 J	0.75 J	0.21 J	0.39 J	0.93 J
Chrysene	0.99	5.2	0.93	1.5	0.89	2.4	0.53 J	0.65 J	1.0	0.64 J	0.54 J	1.2
Dibenzo(a,h)anthracene	0.72 U	0.18 UJ	0.72 U	0.72 U	0.72 U	0.22 UJ	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U
Dibenzofuran	5.7	5.2	5.0	7.4	6.5	6.5	3.6	4.1	5.7	4.3	3.9	6.6
Fluoranthene	5.1	5.4	5.0	5.7	5.0	7.5	3.0	4.0	5.5	4.1	3.6	7.2
Fluorene	5.5	4.8	4.7	7.1	6.5	6.1	3.1	3.9	4.9	3.9	3.5	6.7
Indeno(1,2,3-cd)pyrene	0.27 UJ	0.67 UJ	0.20 UJ	0.34 UJ	0.35 UJ	0.81	0.13 UJ	0.15 UJ	0.21 J	0.15 J	0.12 J	0.21 J
Naphthalene	5.0 U	5.2 U	4.7 U	5.3 U	4.3 U	5.9	3.8 U	3.7 U	4.5 BU	4.0 BU	3.0 BU	3.9 BU
2-Methylnaphthalene	4.3	5.3	3.5	5.3	3.7	4.6	2.1	2.1	3.0	2.9	2.2	3.5
Phenanthrene	7.8	6.3	6.9	11	9.4	9.1	3.8	5.2	5.2	5.2	4.2	13
Pyrene	2.5	3.0	2.3	2.5	2.3	3.0	1.3	1.8	2.7	1.7	1.6	3.3
Total HPAH (calc'd)	10.3 J	17.9	9.2 J	11.8 J	10.2 J	21.5	5.6 J	7.3 J	10.7 J	7.1 J	6.6 J	13.9 J
Total LPAH (calc'd)	26	25	22.6	35	29	37	15.1 J	18.4 J	25	20.4	16.8 J	34 J
Total PAH (calc'd)	37 J	43	31.8 J	47 J	39 J	58	20.6 J	25.7 J	36 J	27.6 J	23.4 J	48 J

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Methods for calculating total benzofluoranthenes, total LPAHs, total HPAHs, and total PAHs are presented in Appendix C.

Table A3-9. PAH concentrations (µg/kg ww) in striped and pile perch fillet samples – Area T1

ANALYTE	PILE PERCH FILLET LDW-M-M-PP-FL- COMP-1	STRIPED PERCH FILLET LDW-M-M-SP-FL- COMP-1
Acenaphthene	5.3	2.8
Acenaphthylene	0.26 UJ	0.26 UJ
Anthracene	0.82	0.41 UJ
Benzo(a)anthracene	0.13 J	0.069 J
Benzo(a)pyrene	0.50 U	0.50 U
Benzo(b)fluoranthene	0.50 U	0.50 U
Benzo(g,h,i)perylene	0.16 J	0.50 U
Benzo(k)fluoranthene	0.50 U	0.50 U
Benzofluoranthenes (total-calc'd)	0.50 U	0.50 U
Chrysene	0.51	0.14 J
Dibenzo(a,h)anthracene	0.50 U	0.50 U
Dibenzofuran	3.1	1.6
Fluoranthene	3.1	1.4 U
Fluorene	3.3	1.4
Indeno(1,2,3-cd)pyrene	0.11 J	0.50 U
Naphthalene	1.6	1.3 U
2-Methylnaphthalene	2.0	0.94 J
Phenanthrene	7.3	1.9
Pyrene	1.2	0.48 UJ
Total HPAH (calc'd)	5.2 J	0.21 J
Total LPAH (calc'd)	18.3	6.1
Total PAH (calc'd)	23.5 J	6.3 J

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Methods for calculating total benzofluoranthenes, total LPAHs, total HPAHs, and total PAHs are presented in Appendix C.

Table A3-10. PAH concentrations (µg/kg ww) in Dungeness crab edible meat and hepatopancreas samples – Areas T1, T3, and T4

ANALYTE	EDIBLE MEAT							HEPATOPANCREAS		
	LDW-T1-M-DC-EM-comp-1	LDW-T1-M-DC-EM-comp-2	LDW-T1-M-DC-EM-comp-3	LDW-T3-M-DC-EM-comp-1	LDW-T3-M-DC-EM-comp-2	LDW-T3-M-DC-EM-comp-3	LDW-T4-M-DC-EM-comp-1	LDW-T1-M-DC-HP-comp-1	LDW-T3-M-DC-HP-comp-1	LDW-T4-M-DC-HP-comp-1
Acenaphthene	0.72	0.45 J	0.41 J	0.62 J	0.56 J	0.89	0.30 J	6.7	12	6.5
Acenaphthylene	0.46 J	0.22 J	0.22 J	0.24 J	0.20 J	0.21 J	0.72 U	1.7	1.8	2.2
Anthracene	0.90	0.25 J	0.19 J	0.27 J	0.20 J	0.31 J	0.27 J	3.5	3.7	0.72 U
Benzo(a)anthracene	0.71 J	0.12 J	0.081 J	0.33 J	0.72 U	0.17 J	0.12 J	1.1	0.72 U	0.72 U
Benzo(a)pyrene	0.59 J	0.72 U	0.71 U	0.29 J	0.72 U	0.71 U	0.72 U	0.72 U	0.72 U	7.2 U
Benzo(b)fluoranthene	0.40 J	0.72 U	0.71 U	0.25 J	0.72 U	0.12 J	0.72 U	0.31 J	0.49 J	7.2 U
Benzo(g,h,i)perylene	0.45 J	0.72 U	0.71 U	0.27 J	0.72 U	0.71 U	0.72 U	0.28 J	0.90	7.2 U
Benzo(k)fluoranthene	0.44 J	0.72 U	0.71 U	0.25 J	0.72 U	0.71 U	0.72 U	0.54 J	0.60 J	7.2 U
Benzo(a)fluoranthenes (total-calc'd)	0.84 J	0.72 U	0.71 U	0.50 J	0.72 U	0.12 J	0.72 U	0.85 J	1.09 J	7.2 U
Chrysene	0.80	0.14 J	0.13 J	0.36 J	0.72 U	0.16 J	0.16 J	1.5	0.72 U	0.72 U
Dibenzo(a,h)anthracene	0.13 J	0.72 U	0.71 U	0.71 U	0.72 U	0.71 U	0.72 U	0.72 U	0.72 U	7.2 U
Dibenzofuran	0.83	0.46 J	0.40 J	0.70 J	0.46 J	0.70 J	0.47 J	2.4	3.8	3.6
Fluoranthene	3.0	0.26 J	0.26 J	0.99	0.24 J	0.76	0.47 J	3.4	0.72 U	0.72 U
Fluorene	0.98	0.44 J	0.31 J	0.63 J	0.42 J	0.74	0.40 J	1.5	3.4	2.6
Indeno(1,2,3-cd)pyrene	0.37 J	0.72 U	0.71 U	0.21 J	0.72 U	0.71 U	0.72 U	0.14 J	0.74	7.2 U
Naphthalene	2.2 U	2.1 U	2.2 U	2.1 U	2.0 U	2.1 U	1.5 J	5.2	5.5	4.4
2-Methylnaphthalene	1.3 J	0.92 UJ	0.90 UJ	1.1 UJ	0.98 UJ	1.1 UJ	0.57 UJ	2.8	3.4	2.1
Phenanthrene	5.9	0.62 UJ	0.58 UJ	0.72	0.55 UJ	0.72	0.75 U	3.0	3.2	7.4
Pyrene	2.5	0.29 J	0.28 J	0.92	0.29 J	0.54 J	0.28 J	1.8	0.72 U	0.72 U
Total HPAH (calc'd)	9.4 J	0.81 J	0.75 J	3.87 J	0.53 J	1.75 J	1.03 J	9.1 J	2.73 J	7.2 U
Total LPAH (calc'd)	9.0 J	1.36 J	1.13 J	2.48 J	1.38 J	2.87 J	2.5 J	21.6	30	23.1
Total PAH (calc'd)	18.4 J	2.17 J	1.88 J	6.35 J	1.91 J	4.62 J	3.5 J	30.7 J	32 J	23.1

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Methods for calculating total benzo(a)fluoranthenes, total LPAHs, total HPAHs, and total PAHs are presented in Appendix C.

Table A3-11. PAH concentrations (µg/kg ww) in slender crab edible meat samples – Areas T1 through T3

ANALYTE	LDW-T1-M-SC-EM-comp-1	LDW-T1-M-SC-EM-comp-2	LDW-T1-M-SC-EM-comp-3	LDW-T2-M-SC-EM-comp-1	LDW-T2-M-SC-EM-comp-2	LDW-T2-M-SC-EM-comp-3	LDW-T2-M-SC-EM-comp-4	LDW-T2-M-SC-EM-comp-5	LDW-T2-M-SC-EM-comp-6	LDW-T3-M-SC-EM-comp-1	LDW-T3-M-SC-EM-comp-2	LDW-T3-M-SC-EM-comp-3
Acenaphthene	0.72 U	0.18 J	0.72 U	0.72 U	0.72 U	0.13 J	0.72 U	<i>0.15</i>	0.72 U	0.15 J	0.13 J	0.72 U
Acenaphthylene	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.13 J	0.72 U	<i>0.72 U</i>	0.72 U	0.72 U	0.72 U	0.72 U
Anthracene	0.72 U	0.16 J	0.18 J	0.10 J	0.72 U	0.090 J	0.72 U	<i>0.14</i>	0.10 J	0.12 J	0.13 J	0.72 U
Benzo(a)anthracene	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	<i>0.16</i>	0.72 U	0.72 U	0.12 J	0.72 U
Benzo(a)pyrene	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	<i>0.18</i>	0.72 U	0.72 U	0.72 U	0.72 U
Benzo(b)fluoranthene	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	<i>0.17</i>	0.72 U	0.72 U	0.72 U	0.72 U
Benzo(g,h,i)perylene	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	<i>0.22</i>	0.72 U	0.72 U	0.72 U	0.72 U
Benzo(k)fluoranthene	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	<i>0.16</i>	0.72 U	0.72 U	0.72 U	0.72 U
Benzofluoranthenes (total-calc'd)	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	<i>0.33</i>	0.72 U	0.72 U	0.72 U	0.72 U
Chrysene	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	<i>0.17</i>	0.72 U	0.72 U	0.14 J	0.72 U
Dibenzo(a,h)anthracene	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	<i>0.20</i>	0.72 U	0.72 U	0.72 U	0.72 U
Dibenzofuran	0.11 UJ	0.23 UJ	0.13 UJ	0.12 UJ	0.12 J	0.15 J	0.097 J	<i>0.15 J</i>	0.13 J	0.15 J	0.19 J	0.11 J
Fluoranthene	0.45 J	0.71 J	0.52 J	0.48 J	0.50 J	0.57 J	0.18 J	<i>0.37 J</i>	0.57 J	0.49 J	0.80	0.48 J
Fluorene	0.11 J	0.25 J	0.15 J	0.13 J	0.11 J	0.16 J	0.094 J	<i>0.14 J</i>	0.14 J	0.16 J	0.19 J	0.11 J
Indeno(1,2,3-cd)pyrene	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	0.72 U	<i>0.23</i>	0.72 U	0.72 U	0.72 U	0.72 U
Naphthalene	2.1 BU	2.1 BU	2.2 BU	2.0 BU	1.4 J	1.4 J	1.6 BU	<i>1.5</i>	1.6 BU	1.7 BU	1.6 BU	1.4 J
2-Methylnaphthalene	0.45 UJ	0.52 UJ	0.47 UJ	0.44 UJ	0.34 UJ	0.40 UJ	0.36 UJ	<i>0.45</i>	0.40 UJ	0.51 UJ	0.48 UJ	0.39 UJ
Phenanthrene	0.38 UJ	0.67 J	0.44 UJ	0.40 UJ	0.38 UJ	0.49 UJ	0.31 UJ	<i>0.49</i>	0.40 UJ	0.49 UJ	0.51 UJ	0.35 UJ
Pyrene	0.19 J	0.36 J	0.24 J	0.23 J	0.22 J	0.27 J	0.16 J	<i>0.23 J</i>	0.24 J	0.27 J	0.43 J	0.21 J
Total HPAH (calc'd)	0.64 J	1.07 J	0.76 J	0.71 J	0.72 J	0.84 J	0.34 J	<i>2.09 J</i>	0.81 J	0.76 J	1.49 J	0.69 J
Total LPAH (calc'd)	0.11 J	1.26 J	0.33 J	0.23 J	1.5 J	1.9 J	0.094 J	<i>2.4 J</i>	0.24 J	0.43 J	0.45 J	1.5 J
Total PAH (calc'd)	0.75 J	2.33 J	1.09 J	0.94 J	2.2 J	2.8 J	0.43 J	<i>4.5 J</i>	1.05 J	1.19 J	1.94 J	2.2 J

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Methods for calculating total benzofluoranthenes, total LPAHs, total HPAHs, and total PAHs are presented in Appendix C.

Table A3-12. PAH concentrations (µg/kg ww) in slender crab hepatopancreas samples – Areas T1 through T3

ANALYTE	LDW-T1-M-SC-HP-comp-1	LDW-T2-M-SC-HP-comp-1	LDW-T2-M-SC-HP-comp-2	LDW-T3-M-SC-HP-comp-1
Acenaphthene	0.46 J	0.59 J	0.67 J	0.44 J
Acenaphthylene	0.72 U	0.72 U	0.61 J	0.72 U
Anthracene	0.75	0.60 J	1.2	0.53 J
Benzo(a)anthracene	0.85	0.70 J	0.84	0.63 J
Benzo(a)pyrene	0.72 U	0.72 U	0.72 U	0.72 U
Benzo(b)fluoranthene	0.72 U	0.72 U	0.72 U	0.72 U
Benzo(g,h,i)perylene	0.72 U	0.72 U	0.72 U	0.72 U
Benzo(k)fluoranthene	0.72 U	0.72 U	0.72 U	0.72 U
Benzo(a)fluoranthenes (total-calc'd)	0.72 U	0.72 U	0.72 U	0.72 U
Chrysene	0.64 J	0.66 J	1.0	0.79
Dibenzo(a,h)anthracene	0.72 U	0.72 U	0.72 U	0.72 U
Dibenzofuran	0.44 J	0.44 J	0.51 J	0.32 J
Fluoranthene	1.7	1.8	1.9	1.4
Fluorene	0.46 J	0.46 J	0.49 J	0.37 J
Indeno(1,2,3-cd)pyrene	0.72 U	0.72 U	0.72 U	0.72 U
Naphthalene	3.5 BU	2.3 BU	2.8 BU	2.2 BU
2-Methylnaphthalene	0.94 J	0.81 UJ	0.97 J	0.81 UJ
Phenanthrene	1.4	1.6	1.4	1.4
Pyrene	0.76	0.87	1.1	0.69 J
Total HPAH (calc'd)	4.0 J	4.0 J	4.8	3.5 J
Total LPAH (calc'd)	3.1 J	3.3 J	4.4 J	2.7 J
Total PAH (calc'd)	7.0 J	7.3 J	9.2 J	6.3 J

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Methods for calculating total benzofluoranthenes, total LPAHs, total HPAHs, and total PAHs are presented in Appendix C.

A.4 Phthalates

Table A4-1. Phthalate concentrations (µg/kg ww) in English sole whole body tissue samples – Areas T1 and T2

ANALYTE	LDW-T1-M-ES-WB-comp-1	LDW-T1-M-ES-WB-comp-2	LDW-T1-M-ES-WB-comp-3	LDW-T1-M-ES-WB-comp-4	LDW-T1-M-ES-WB-comp-5	LDW-T1-M-ES-WB-comp-6	LDW-T2-M-ES-WB-comp-1	LDW-T2-M-ES-WB-comp-2	LDW-T2-M-ES-WB-comp-3	LDW-T2-M-ES-WB-comp-4	LDW-T2-M-ES-WB-comp-5	LDW-T2-M-ES-WB-comp-6
Bis(2-ethylhexyl)phthalate	1,100 U	1,100 U	3,600 U	3,600 U	3,600 U	3,600 U	3,600 U	3,600 U	3,600 U	7,200 U	7,200 U	7,200 U
Butyl benzyl phthalate	650	580 U	610	290 U	290 U	560 J	290 U	290 U	290 U	1,200 U	1,200 U	1,200 U
Diethyl phthalate	100 J	110 J	110 J	580 U	580 U	100 J	570 U	570 U	570 U	1,200 U	1,200 U	1,200 U
Dimethyl phthalate	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	570 U	580 U	570 U
Di-n-butyl phthalate	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	1,200 U	1,200 U	1,200 U
Di-n-octyl phthalate	1,500 U	1,500 U	1,500 U	290 U	290 U	1,500 U	290 U	290 U	290 U	2,900 U	2,900 U	2,900 U

Table A4-2. Phthalate concentrations (µg/kg ww) in English sole whole body tissue samples – Areas T3 and T4

ANALYTE	LDW-T3-M-ES-WB-comp-1	LDW-T3-M-ES-WB-comp-2	LDW-T3-M-ES-WB-comp-3	LDW-T3-M-ES-WB-comp-4	LDW-T3-M-ES-WB-comp-5	LDW-T3-M-ES-WB-comp-6	LDW-T4-M-ES-WB-comp-1	LDW-T4-M-ES-WB-comp-2	LDW-T4-M-ES-WB-comp-3
Bis(2-ethylhexyl)phthalate	7,200 U	7,200 U	<i>7,200 U</i>	7,200 U	7,200 U	7,200 UJ	7,200 UJ	3,600 U	7,200 UJ
Butyl benzyl phthalate	1,200 U	1,200 U	<i>1,200 U</i>	1,200 U	1,200 U	1,200 U	1,200 U	290 U	1,200 U
Diethyl phthalate	1,200 U	1,200 U	<i>1,200 U</i>	1,200 U	1,200 U	1,200 U	1,200 U	570 U	1,200 U
Dimethyl phthalate	580 U	580 U	<i>570 U</i>	570 U	570 U	580 U	580 U	290 U	570 U
Di-n-butyl phthalate	1,200 U	1,200 U	<i>1,200 U</i>	1,200 U	1,200 U	1,200 U	1,200 U	290 U	1,200 U
Di-n-octyl phthalate	2,900 U	2,900 U	<i>2,900 U</i>	2,900 U	2,900 U	2,900 U	2,900 U	290 U	2,900 U

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Table A4-3. Phthalate concentrations (µg/kg ww) in English sole fillet tissue samples – Areas T1 through T4

ANALYTE	LDW-T1-M-ES-FL-comp-1	LDW-T1-M-ES-FL-comp-2	LDW-T2-M-ES-FL-comp-1	LDW-T2-M-ES-FL-comp-2	LDW-T3-M-ES-FL-comp-1	LDW-T3-M-ES-FL-comp-2	LDW-T4-M-ES-FL-comp-1
Bis(2-ethylhexyl)phthalate	1,300 J	7,200 U	7,200 U	7,200 U	7,200 U	<i>1,100</i>	7,200 U
Butyl benzyl phthalate	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	<i>570 U</i>	1,200 U
Diethyl phthalate	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	<i>120 J</i>	1,200 U
Dimethyl phthalate	580 U	580 U	570 U	580 U	570 U	<i>290 U</i>	580 U
Di-n-butyl phthalate	420 U	420 U	410 U	1,200 U	420 U	<i>160</i>	420 U
Di-n-octyl phthalate	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	<i>1,500 U</i>	2,900 U

Table A4-4. Phthalate concentrations (µg/kg ww) in starry flounder whole body and fillet tissue samples – Area T4

ANALYTE	WHOLE BODY			FILLET
	LDW-T4-M-SF-WB-comp-1	LDW-T4-M-SF-WB-comp-2	LDW-T4-M-SF-WB-comp-3	LDW-T4-M-SF-FL-comp-1
Bis(2-ethylhexyl)phthalate	7,200 UJ	7,200 UJ	7,200 UJ	7,200 UJ
Butyl benzyl phthalate	1,200 U	1,200 U	1,200 U	1,200 U
Diethyl phthalate	1,200 U	1,200 U	1,200 U	1,200 U
Dimethyl phthalate	580 U	570 U	570 U	570 U
Di-n-butyl phthalate	1,200 U	1,200 U	1,200 U	1,200 U
Di-n-octyl phthalate	2,900 U	2,900 U	2,900 U	2,900 U

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Table A4-5. Phthalate concentrations (µg/kg ww) in Pacific staghorn sculpin whole body tissue samples – Areas T1 and T2

ANALYTE	LDW-T1-A-PS-WB-comp-1	LDW-T1-B-PS-WB-comp-1	LDW-T1-C-PS-WB-comp-1	LDW-T1-D-PS-WB-comp-1	LDW-T1-E-PS-WB-comp-1	LDW-T1-F-PS-WB-comp-1	LDW-T2-A-PS-WB-comp-1	LDW-T2-B-PS-WB-comp-1	LDW-T2-C-PS-WB-comp-1	LDW-T2-D-PS-WB-comp-1	LDW-T2-E-PS-WB-comp-1	LDW-T2-F-PS-WB-comp-1
Bis(2-ethylhexyl)phthalate	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U	4,900 U	5,000 U
Butyl benzyl phthalate	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U
Diethyl phthalate	160 U	180 U	200 U	170 U	180	170 U	180 U	170 U	180 U	180 U	170 U	180 U
Dimethyl phthalate	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Di-n-butyl phthalate	1,300 U	1,300 U	1,300 U	1,300 U	1,300	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U	1,300 U
Di-n-octyl phthalate	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U

Table A4-6. Phthalate concentrations (µg/kg ww) in Pacific staghorn sculpin whole body tissue samples – Areas T3 and T4

ANALYTE	LDW-T3-A-PS-WB-comp-1	LDW-T3-B-PS-WB-comp-1	LDW-T3-C-PS-WB-comp-1	LDW-T3-D-PS-WB-comp-1	LDW-T3-E-PS-WB-comp-1	LDW-T3-F-PS-WB-comp-1	LDW-T4-A-PS-WB-comp-1	LDW-T4-B-PS-WB-comp-1	LDW-T4-C-PS-WB-comp-1	LDW-T4-D-PS-WB-comp-1	LDW-T4-D-PS-WB-comp-2	LDW-T4-E-PS-WB-comp-1
Bis(2-ethylhexyl)phthalate	5,000 U	4,900 U	5,000 U	5,000 U	500 U	500 U	490 U	500 U	500 U	500 U	500 U	500 U
Butyl benzyl phthalate	4,000 U	4,000 U	4,000 U	4,000 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Diethyl phthalate	180 U	180 U	790 U	170 U	21 U	24 U	24 U	23 U	23 J	20 J	21 J	18 J
Dimethyl phthalate	400 U	400 U	400 U	400 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
Di-n-butyl phthalate	1,300 U	1,300 U	1,300 U	1,300 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
Di-n-octyl phthalate	4,000 U	4,000 U	4,000 U	4,000 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Table A4-7. Phthalate concentrations (µg/kg ww) in shiner surfperch whole body tissue samples – Areas T1 and T2

ANALYTE	LDW-T1-A-SS-WB-comp-1	LDW-T1-B-SS-WB-comp-1	LDW-T1-C-SS-WB-comp-1	LDW-T1-D-SS-WB-comp-1	LDW-T1-E-SS-WB-comp-1	LDW-T1-F-SS-WB-comp-1	LDW-T2-A-SS-WB-comp-1	LDW-T2-B-SS-WB-comp-1	LDW-T2-C-SS-WB-comp-1	LDW-T2-D-SS-WB-comp-1	LDW-T2-E-SS-WB-comp-1	LDW-T2-F-SS-WB-comp-1
Bis(2-ethylhexyl)phthalate	720 U	720 U	720 U	720 U	280 J	720 U	720 U	720 U	1,200 J	420 J	2,100 J	420 J
Butyl benzyl phthalate	570 U	570 U	570 U	580 U	570 U	570 U	570 U	570 U	300	57 U	1,200 U	58 U
Diethyl phthalate	28 J	27 J	23 J	24 J	22 J	22 J	120 U	19 J	120 U	120 U	1,200 U	120 U
Dimethyl phthalate	57 U	57 U	57 U	58 U	57 U	57 U	57 U	57 U	12 U	11 U	570 U	9.9 U
Di-n-butyl phthalate	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	57 U	57 U	570 U	58 U
Di-n-octyl phthalate	570 U	570 U	570 U	580 U	570 U	570 U	570 U	570 U	290 U	290 U	2,900 U	290 U

Table A4-8. Phthalate concentrations (µg/kg ww) in shiner surfperch whole body tissue samples – Areas T3 and T4

ANALYTE	LDW-T3-A-SS-WB-comp-1	LDW-T3-B-SS-WB-comp-1	LDW-T3-C-SS-WB-comp-1	LDW-T3-D-SS-WB-comp-1	LDW-T3-E-SS-WB-comp-1	LDW-T3-F-SS-WB-comp-1	LDW-T4-A-SS-WB-comp-1	LDW-T4-B-SS-WB-comp-1	LDW-T4-B-SS-WB-comp-2	LDW-T4-C-SS-WB-comp-1	LDW-T4-C-SS-WB-comp-2	LDW-T4-D-SS-WB-comp-1
Bis(2-ethylhexyl)phthalate	7,200 U	7,200 U	7,200 U	7,200 U	3,600 U	3,600 U	3,600 U	3,600 U	3,600 U	3,600 U	3,600 U	3,600 U
Butyl benzyl phthalate	1,200 U	1,200 U	1,200 U	1,200 U	570 U	760	870	800	1,100	1,400	540 J	570 U
Diethyl phthalate	1,200 U	1,200 U	1,200 U	900 J	510 J	140 J	570 U	580 U	570 U	130 J	110 J	150 J
Dimethyl phthalate	580 U	570 U	570 U	2,900 UJ	1,500 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U
Di-n-butyl phthalate	580 U	570 U	570 U	2,300	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U
Di-n-octyl phthalate	2,900 U	2,900 U	2,900 U	2,900 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Table A4-9. Phthalate concentrations (µg/kg ww) in striped and pile perch fillet samples – Area T1

ANALYTE	PILE PERCH FILLET LDW-M-M-PP-FL-comp-1	STRIPED PERCH FILLET LDW-M-M-SP-FL-comp-1
Bis(2-ethylhexyl)phthalate	7,200 U	7,200 U
Butyl benzyl phthalate	1,200 U	1,200 U
Diethyl phthalate	1,200 U	1,200 U
Dimethyl phthalate	580 U	580 U
Di-n-butyl phthalate	1,200 U	410 U
Di-n-octyl phthalate	2,900 U	2,900 U

Table A4-10. Phthalate concentrations (µg/kg ww) in Dungeness crab edible meat and hepatopancreas samples – Areas T1, T3, and T4

ANALYTE	EDIBLE MEAT							HEPATOPANCREAS		
	LDW-T1-M-DC-EM-comp-1	LDW-T1-M-DC-EM-comp-2	LDW-T1-M-DC-EM-comp-3	LDW-T3-M-DC-EM-comp-1	LDW-T3-M-DC-EM-comp-2	LDW-T3-M-DC-EM-comp-3	LDW-T4-M-DC-EM-comp-1	LDW-T1-M-DC-HP-comp-1	LDW-T3-M-DC-HP-comp-1	LDW-T4-M-DC-HP-comp-1
Bis(2-ethylhexyl)phthalate	<i>7,200 U</i>	7,200 UJ	7,200 UJ	7,200 UJ	7,200 UJ	7,200 UJ	<i>7,200 U</i>	7,200 UJ	7,200 UJ	7,200 U
Butyl benzyl phthalate	<i>1,200 U</i>	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	<i>1,200 U</i>	1,200 U	1,200 U	2,800
Diethyl phthalate	<i>1,200 U</i>	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	<i>190 J</i>	1,200 U	1,200 U	180 J
Dimethyl phthalate	<i>570 U</i>	570 U	570 U	570 U	570 U	570 U	<i>570 U</i>	580 U	570 U	570 U
Di-n-butyl phthalate	<i>400 J</i>	400 U	400 U	400 U	400 U	410 U	<i>240</i>	1,200 U	1,200 U	570 U
Di-n-octyl phthalate	<i>2,900 U</i>	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	<i>2,900 U</i>	2,900 U	2,900 U	2,900 U

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Table A4-11. Phthalate concentrations (µg/kg ww) in slender crab edible meat samples – Areas T1 through T3

ANALYTE	LDW-T1-M-SC-EM-comp-1	LDW-T1-M-SC-EM-comp-2	LDW-T1-M-SC-EM-comp-3	LDW-T2-M-SC-EM-comp-1	LDW-T2-M-SC-EM-comp-2	LDW-T2-M-SC-EM-comp-3	LDW-T2-M-SC-EM-comp-4	LDW-T2-M-SC-EM-comp-5	LDW-T2-M-SC-EM-comp-6	LDW-T3-M-SC-EM-comp-1	LDW-T3-M-SC-EM-comp-2	LDW-T3-M-SC-EM-comp-3
Bis(2-ethylhexyl)phthalate	240 U	240 U	260 U	7,200 U	7,200 U	7,200 U	7,200 U	7,200 U	7,200 U	7,200 U	7,200 U	7,200 U
Butyl benzyl phthalate	120 U	120 U	120 U	580 U	570 U	570 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U
Diethyl phthalate	120 U	120 U	21 J	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	170 J	160 J	150 J	180 J
Dimethyl phthalate	7.6 J	57 U	58 U	580 U	570 U	570 U	580 U	580 U	570 U	580 U	580 U	570 U
Di-n-butyl phthalate	41 U	34 U	31 U	580 U	570 U	570 U	390 U	580 U	570 U	240 U	580 U	570 U
Di-n-octyl phthalate	290 U	290 U	290 U	580 U	570 U	570 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U

Table A4-12. Phthalate concentrations (µg/kg ww) in slender crab hepatopancreas samples – Areas T1 through T3

ANALYTE	LDW-T1-M-SC-HP-comp-1	LDW-T2-M-SC-HP-comp-1	LDW-T2-M-SC-HP-comp-2	LDW-T3-M-SC-HP-comp-1
Bis(2-ethylhexyl)phthalate	7,200 U	7,200 U	7,200 U	7,200 U
Butyl benzyl phthalate	570 U	1,700	1,700	1,800
Diethyl phthalate	1,200 U	190 J	200 J	160 J
Dimethyl phthalate	570 U	580 U	76 J	570 U
Di-n-butyl phthalate	570 U	580 U	580 U	570 U
Di-n-octyl phthalate	570 U	2,900 U	2,900 U	2,900 U

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

A.5 Other Semivolatile Organic Compounds (SVOCs)

Table A5-1. Other SVOC concentrations (µg/kg ww) in English sole whole body tissue samples – Areas T1 and T2

ANALYTE	LDW-T1-M-ES-WB-comp-1	LDW-T1-M-ES-WB-comp-2	LDW-T1-M-ES-WB-comp-3	LDW-T1-M-ES-WB-comp-4	LDW-T1-M-ES-WB-comp-5	LDW-T1-M-ES-WB-comp-6	LDW-T2-M-ES-WB-comp-1	LDW-T2-M-ES-WB-comp-2	LDW-T2-M-ES-WB-comp-3	LDW-T2-M-ES-WB-comp-4	LDW-T2-M-ES-WB-comp-5	LDW-T2-M-ES-WB-comp-6
1,2,4-Trichlorobenzene	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	570 U	580 U	570 U
1,2-Dichlorobenzene	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	570 U	580 U	570 U
1,3-Dichlorobenzene	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	570 U	580 U	570 U
1,4-Dichlorobenzene	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	570 U	580 U	570 U
2,4,5-Trichlorophenol	1,500 U	1,500 U	1,500 U	580 U	580 U	1,500 U	570 U	570 U	570 U	2,900 U	2,900 U	2,900 U
2,4,6-Trichlorophenol	1,500 U	1,500 U	1,500 U	580 U	580 U	1,500 U	570 U	570 U	570 U	2,900 U	2,900 U	2,900 U
2,4-Dichlorophenol	580 U	580 U	580 U	580 U	580 U	570 U	570 U	570 U	570 U	1,200 U	1,200 U	1,200 U
2,4-Dimethylphenol	580 U	580 U	580 U	580 U	580 U	570 U	570 U	570 U	570 U	1,200 U	1,200 U	1,200 U
2,4-Dinitrophenol	5,800 U	5,800 U	5,800 U	5,800 U	5,800 U	5,700 U	5,700 U	5,700 U	5,700 U	12,000 U	12,000 U	12,000 U
2,4-Dinitrotoluene	1,500 U	1,500 U	1,500 U	580 U	580 U	1,500 U	570 U	570 U	570 U	1,200 U	1,200 U	1,200 U
2,6-Dinitrotoluene	1,500 U	1,500 U	1,500 U	290 U	290 U	1,500 U	290 U	290 U	290 U	1,200 U	1,200 U	1,200 U
2-Chloronaphthalene	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	570 U	580 U	570 U
2-Chlorophenol	580 U	580 U	580 U	580 U	580 U	570 U	570 U	570 U	570 U	1,200 U	1,200 U	1,200 U
2-Methylphenol	580 U	580 U	580 U	580 U	580 U	570 U	570 U	570 U	570 U	1,200 U	1,200 U	1,200 U
2-Nitroaniline	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	2,900 U	2,900 U	2,900 U
2-Nitrophenol	1,500 U	1,500 U	1,500 U	290 U	290 U	1,500 U	290 U	290 U	290 U	2,900 U	2,900 U	2,900 U
3,3'-Dichlorobenzidine	15,000 U	15,000 U	15,000 U	15,000 U	15,000 U	15,000 U	15,000 U	15,000 U	15,000 U	29,000 U	29,000 U	29,000 U
3-Nitroaniline	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	5,700 U	5,800 U	5,700 U
4,6-Dinitro-o-cresol	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	5,700 U	5,800 U	5,700 U
4-Bromophenyl phenyl ether	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	570 U	580 U	570 U
4-Chloro-3-methylphenol	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	2,900 U	2,900 U	2,900 U
4-Chloroaniline	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	2,900 U	2,900 U	2,900 U
4-Chlorophenyl phenyl ether	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	570 U	580 U	570 U
4-Methylphenol	580 U	580 U	580 U	580 U	580 U	570 U	570 U	570 U	570 U	1,200 U	1,200 U	1,200 U

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

ANALYTE	LDW-T1-M-ES-WB-comp-1	LDW-T1-M-ES-WB-comp-2	LDW-T1-M-ES-WB-comp-3	LDW-T1-M-ES-WB-comp-4	LDW-T1-M-ES-WB-comp-5	LDW-T1-M-ES-WB-comp-6	LDW-T2-M-ES-WB-comp-1	LDW-T2-M-ES-WB-comp-2	LDW-T2-M-ES-WB-comp-3	LDW-T2-M-ES-WB-comp-4	LDW-T2-M-ES-WB-comp-5	LDW-T2-M-ES-WB-comp-6
4-Nitroaniline	2,900 U	2,900 U	2,900 U	1,500 U	1,500 U	2,900 U	1,500 U	1,500 U	1,500 U	2,900 U	2,900 U	2,900 U
4-Nitrophenol	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	5,700 U	5,800 U	5,700 U
Aniline	5,800 U	5,800 U	5,800 U	5,800 U	5,800 U	5,700 U	5,700 U	5,700 U	5,700 U	12,000 U	12,000 U	12,000 U
Benzidine	R ^a	R ^a	R ^a	R ^a	R ^a	R ^a	R ^a	R ^a	R ^a	R ^a	R ^a	R ^a
Benzoic acid	5,800 U	5,800 U	5,800 U	2,000 J	5,800 U	5,700 U	1,900 J	5,700 U	5,700 U	6,500 J	6,500 J	5,900 J
Benzyl alcohol	110 J	86 J	110 J	610	130 J	180 J	95 J	79 J	120 J	570 U	120 J	570 U
bis(2-chloroethoxy)methane	1,500 U	1,500 U	1,500 U	290 U	290 U	1,500 U	290 U	290 U	290 U	570 U	580 U	570 U
bis(2-chloroethyl)ether	580 U	580 U	580 U	290 U	290 U	570 U	290 U	290 U	290 U	570 U	580 U	570 U
bis(2-chloroisopropyl)ether	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	570 U	580 U	570 U
Carbazole	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	2,900 U	2,900 U	2,900 U
Hexachlorobenzene	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	5.1 JN	6.6 JN	7.2 U
Hexachlorobutadiene	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	570 U	580 U	570 U
Hexachlorocyclopentadiene	50,000 U	50,000 U	50,000 U	50,000 U	50,000 U	50,000 U	50,000 U	50,000 U	50,000 U	72,000 U	72,000 U	72,000 U
Hexachloroethane	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	570 U	580 U	570 U
Isophorone	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	570 U	580 U	570 U
Nitrobenzene	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	570 U	580 U	570 U
N-Nitrosodimethylamine	5,800 U	5,800 U	5,800 U	1,500 U	1,500 U	5,700 U	1,500 U	1,500 U	1,500 U	2,900 U	2,900 U	2,900 U
N-Nitroso-di-n-propylamine	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	570 U	270 J	570 U
N-Nitrosodiphenylamine	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	570 U	580 U	570 U
Pentachlorophenol	2,900 U	2,900 U	2,900 U	1,600 J	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	5,700 U	5,800 U	5,700 U
Phenol	720 U	720 U	720 U	720 U	720 U	720 U	720 U	720 U	710 U	1,500 U	1,500 U	1,500 U

^a Rejected because of extremely low (<10%) recovery in laboratory control samples

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Table A5-2. Other SVOC concentrations (µg/kg ww) in English sole whole body tissue samples – Areas T3 and T4

ANALYTE	LDW-T3-M-ES-WB-comp-1	LDW-T3-M-ES-WB-comp-2	LDW-T3-M-ES-WB-comp-3	LDW-T3-M-ES-WB-comp-4	LDW-T3-M-ES-WB-comp-5	LDW-T3-M-ES-WB-comp-6	LDW-T4-M-ES-WB-comp-1	LDW-T4-M-ES-WB-comp-2	LDW-T4-M-ES-WB-comp-3
1,2,4-Trichlorobenzene	580 U	580 U	<i>570 U</i>	570 U	570 U	580 U	580 U	290 U	570 U
1,2-Dichlorobenzene	580 U	580 U	<i>570 U</i>	570 U	570 U	580 U	580 U	290 U	570 U
1,3-Dichlorobenzene	580 U	580 U	<i>570 U</i>	570 U	570 U	580 U	580 U	290 U	570 U
1,4-Dichlorobenzene	580 U	580 U	<i>570 U</i>	570 U	570 U	580 U	580 U	290 U	570 U
2,4,5-Trichlorophenol	2,900 U	2,900 U	<i>2,900 U</i>	2,900 U	2,900 U	2,900 U	2,900 U	570 U	2,900 U
2,4,6-Trichlorophenol	2,900 U	2,900 U	<i>2,900 U</i>	2,900 U	2,900 U	2,900 U	2,900 U	570 U	2,900 U
2,4-Dichlorophenol	1,200 U	1,200 U	<i>1,200 U</i>	1,200 U	1,200 U	1,200 U	1,200 U	570 U	1,200 U
2,4-Dimethylphenol	1,200 U	1,200 U	<i>1,200 U</i>	1,200 U	1,200 U	1,200 U	1,200 U	570 U	1,200 U
2,4-Dinitrophenol	12,000 U	12,000 U	<i>12,000 U</i>	12,000 U	12,000 U	12,000 U	12,000 U	5,700 U	12,000 U
2,4-Dinitrotoluene	1,200 U	1,200 U	<i>1,200 U</i>	1,200 U	1,200 U	1,200 U	1,200 U	570 U	1,200 U
2,6-Dinitrotoluene	1,200 U	1,200 U	<i>1,200 U</i>	1,200 U	1,200 U	1,200 U	1,200 U	290 U	1,200 U
2-Chloronaphthalene	580 U	580 U	<i>570 U</i>	570 U	570 U	580 U	580 U	290 U	570 U
2-Chlorophenol	1,200 U	1,200 U	<i>1,200 U</i>	1,200 U	1,200 U	1,200 U	1,200 U	570 U	1,200 U
2-Methylphenol	1,200 U	1,200 U	<i>1,200 U</i>	1,200 U	1,200 U	1,200 U	1,200 U	570 U	1,200 U
2-Nitroaniline	2,900 U	2,900 U	<i>2,900 U</i>	2,900 U	2,900 U	2,900 U	2,900 U	1,500 U	2,900 U
2-Nitrophenol	2,900 U	2,900 U	<i>2,900 U</i>	2,900 U	2,900 U	2,900 U	2,900 U	290 U	2,900 U
3,3'-Dichlorobenzidine	29,000 U	29,000 U	<i>29,000 U</i>	29,000 U	29,000 U	29,000 U	29,000 U	15,000 U	29,000 U
3-Nitroaniline	5,800 U	5,800 U	<i>5,700 U</i>	5,700 U	5,700 U	5,800 U	5,800 U	2,900 U	5,700 U
4,6-Dinitro-o-cresol	5,800 U	5,800 U	<i>5,700 U</i>	5,700 U	5,700 U	5,800 U	5,800 U	2,900 U	5,700 U
4-Bromophenyl phenyl ether	580 U	580 U	<i>570 U</i>	570 U	570 U	580 U	580 U	290 U	570 U
4-Chloro-3-methylphenol	2,900 U	2,900 U	<i>2,900 U</i>	2,900 U	2,900 U	2,900 U	2,900 U	1,500 U	2,900 U
4-Chloroaniline	2,900 U	2,900 U	<i>2,900 U</i>	2,900 U	2,900 U	2,900 U	2,900 U	1,500 U	2,900 U
4-Chlorophenyl phenyl ether	580 U	580 U	<i>570 U</i>	570 U	570 U	580 U	580 U	290 U	570 U
4-Methylphenol	1,200 U	1,200 U	<i>1,200 U</i>	1,200 U	1,200 U	1,200 U	1,200 U	570 U	1,200 U
4-Nitroaniline	2,900 U	2,900 U	<i>2,900 U</i>	2,900 U	2,900 U	2,900 U	2,900 U	1,500 U	2,900 U
4-Nitrophenol	5,800 U	5,800 U	<i>5,700 U</i>	5,700 U	5,700 U	5,800 U	5,800 U	2,900 U	5,700 U

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

ANALYTE	LDW-T3-M-ES-WB-comp-1	LDW-T3-M-ES-WB-comp-2	LDW-T3-M-ES-WB-comp-3	LDW-T3-M-ES-WB-comp-4	LDW-T3-M-ES-WB-comp-5	LDW-T3-M-ES-WB-comp-6	LDW-T4-M-ES-WB-comp-1	LDW-T4-M-ES-WB-comp-2	LDW-T4-M-ES-WB-comp-3
Aniline	12,000 U	12,000 U	<i>12,000 U</i>	12,000 U	12,000 U	12,000 U	12,000 U	5,700 U	12,000 U
Benzidine	UR ^a	UR ^a	UR ^a	UR ^a	UR ^a	UR ^a	UR ^a	R ^a	UR ^a
Benzoic acid	5,800 J	6,100 J	<i>5,800 J</i>	5,700 J	5,900 J	4,900 J	4,800 J	1,900 J	4,900 J
Benzyl alcohol	580 U	580 U	<i>570 U</i>	570 U	570 U	580 U	580 U	190 J	570 U
bis(2-chloroethoxy)methane	580 U	580 U	<i>570 U</i>	570 U	570 U	580 U	580 U	290 U	570 U
bis(2-chloroethyl)ether	580 U	580 U	<i>570 U</i>	570 U	570 U	580 U	580 U	290 U	570 U
bis(2-chloroisopropyl)ether	580 U	580 U	<i>570 U</i>	570 U	570 U	580 U	580 U	290 U	570 U
Carbazole	2,900 U	2,900 U	<i>2,900 U</i>	2,900 U	2,900 U	2,900 U	2,900 U	1,500 U	2,900 U
Hexachlorobenzene	7.2 U	7.2 U	<i>6.6 JN</i>	7.2 U	7.2 U	7.2 U	7.2 U	4.4 JN	7.2 U
Hexachlorobutadiene	580 U	580 U	<i>570 U</i>	570 U	570 U	580 U	580 U	290 U	570 U
Hexachlorocyclopentadiene	72,000 U	72,000 U	<i>72,000 U</i>	72,000 U	72,000 U	72,000 U	72,000 U	50,000 U	72,000 U
Hexachloroethane	580 U	580 U	<i>570 U</i>	570 U	570 U	580 U	580 U	290 U	570 U
Isophorone	580 U	580 U	<i>570 U</i>	570 U	570 U	580 U	580 U	290 U	570 U
Nitrobenzene	580 U	580 U	<i>570 U</i>	570 U	570 U	580 U	580 U	290 U	570 U
N-Nitrosodimethylamine	2,900 U	2,900 U	<i>2,900 U</i>	2,900 U	2,900 U	2,900 U	2,900 U	1,500 U	2,900 U
N-Nitroso-di-n-propylamine	580 U	580 U	<i>570 U</i>	570 U	570 U	580 U	580 U	290 U	570 U
N-Nitrosodiphenylamine	580 U	580 U	<i>570 U</i>	570 U	570 U	580 U	580 U	290 U	570 U
Pentachlorophenol	5,800 U	5,800 U	<i>5,700 U</i>	5,700 U	5,700 U	5,800 U	5,800 U	2,900 U	5,700 U
Phenol	1,500 U	1,500 U	<i>1,500 U</i>	1,500 U	1,500 U	1,500 U	1,500 U	720 U	1,500 U

^a Rejected because of extremely low (<10%) recovery in laboratory control samples

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Table A5-3. Other SVOC concentrations (µg/kg ww) in English sole fillet tissue samples – Areas T1 through T4

ANALYTE	LDW-T1-M-ES-FL-comp-1	LDW-T1-M-ES-FL-comp-2	LDW-T2-M-ES-FL-comp-1	LDW-T2-M-ES-FL-comp-2	LDW-T3-M-ES-FL-comp-1	LDW-T3-M-ES-FL-comp-2	LDW-T4-M-ES-FL-comp-1
1,2,4-Trichlorobenzene	580 U	580 U	570 U	580 U	570 U	<i>290 U</i>	580 U
1,2-Dichlorobenzene	580 U	580 U	570 U	580 U	570 U	<i>290 U</i>	580 U
1,3-Dichlorobenzene	580 U	580 U	570 U	580 U	570 U	<i>290 U</i>	580 U
1,4-Dichlorobenzene	580 U	580 U	570 U	580 U	570 U	<i>290 U</i>	580 U
2,4,5-Trichlorophenol	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	<i>1,500 U</i>	2,900 U
2,4,6-Trichlorophenol	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	<i>1,500 U</i>	2,900 U
2,4-Dichlorophenol	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	<i>570 U</i>	1,200 U
2,4-Dimethylphenol	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	<i>570 U</i>	1,200 U
2,4-Dinitrophenol	12,000 U	12,000 U	12,000 U	12,000 U	12,000 U	<i>5,700 U</i>	12,000 U
2,4-Dinitrotoluene	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	<i>1,500 U</i>	1,200 U
2,6-Dinitrotoluene	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	<i>1,500 U</i>	1,200 U
2-Chloronaphthalene	580 U	580 U	570 U	580 U	570 U	<i>290 U</i>	580 U
2-Chlorophenol	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	<i>570 U</i>	1,200 U
2-Methylphenol	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	<i>570 U</i>	1,200 U
2-Nitroaniline	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	<i>1,500 U</i>	2,900 U
2-Nitrophenol	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	<i>1,500 U</i>	2,900 U
3,3'-Dichlorobenzidine	29,000 U	29,000 U	29,000 U	29,000 U	29,000 U	<i>15,000 U</i>	29,000 U
3-Nitroaniline	5,800 U	5,800 U	5,700 U	5,800 U	5,700 U	<i>2,900 U</i>	5,800 U
4,6-Dinitro-o-cresol	5,800 U	5,800 U	5,700 U	5,800 U	5,700 U	<i>2,900 U</i>	5,800 U
4-Bromophenyl phenyl ether	580 U	580 U	570 U	580 U	570 U	<i>290 U</i>	580 U
4-Chloro-3-methylphenol	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	<i>1,500 U</i>	2,900 U
4-Chloroaniline	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	<i>1,500 U</i>	2,900 U
4-Chlorophenyl phenyl ether	580 U	580 U	570 U	580 U	570 U	<i>290 U</i>	580 U
4-Methylphenol	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	<i>570 U</i>	1,200 U

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

ANALYTE	LDW-T1-M-ES-FL-comp-1	LDW-T1-M-ES-FL-comp-2	LDW-T2-M-ES-FL-comp-1	LDW-T2-M-ES-FL-comp-2	LDW-T3-M-ES-FL-comp-1	LDW-T3-M-ES-FL-comp-2	LDW-T4-M-ES-FL-comp-1
4-Nitroaniline	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	<i>2,900 U</i>	2,900 U
4-Nitrophenol	5,800 U	5,800 U	5,700 U	5,800 U	5,700 U	<i>2,900 U</i>	5,800 U
Aniline	12,000 U	12,000 U	12,000 U	12,000 U	12,000 U	<i>5,700 U</i>	12,000 U
Benzidine	UR ^a	UR ^a	UR ^a	UR ^a	UR ^a	R ^a	UR ^a
Benzoic acid	6,500 J	6,100 J	6,000 J	6,000 J	5,300 J	<i>5,700 U</i>	6,100 J
Benzyl alcohol	580 U	580 U	570 U	580 U	570 U	<i>570 U</i>	580 U
bis(2-chloroethoxy)methane	580 U	580 U	570 U	580 U	570 U	<i>1,500 U</i>	580 U
bis(2-chloroethyl)ether	580 U	580 U	570 U	580 U	570 U	<i>570 U</i>	580 U
bis(2-chloroisopropyl)ether	580 U	580 U	570 U	580 U	570 U	<i>290 U</i>	580 U
Carbazole	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	<i>1,500 U</i>	2,900 U
Hexachlorobenzene	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	<i>1.1 JN</i>	7.2 U
Hexachlorobutadiene	580 U	580 U	570 U	580 U	570 U	<i>290 U</i>	580 U
Hexachlorocyclopentadiene	72,000 U	72,000 U	72,000 U	72,000 U	72,000 U	<i>50,000 U</i>	72,000 U
Hexachloroethane	580 U	580 U	570 U	580 U	570 U	<i>290 U</i>	580 U
Isophorone	580 U	580 U	570 U	580 U	570 U	<i>290 U</i>	580 U
Nitrobenzene	580 U	580 U	570 U	580 U	570 U	<i>290 U</i>	580 U
N-Nitrosodimethylamine	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	<i>5,700 U</i>	2,900 U
N-Nitroso-di-n-propylamine	580 U	580 U	570 U	580 U	570 U	<i>290 U</i>	580 U
N-Nitrosodiphenylamine	580 U	580 U	570 U	580 U	570 U	<i>290 U</i>	580 U
Pentachlorophenol	5,800 U	5,800 U	5,700 U	5,800 U	5,700 U	<i>2,900 U</i>	5,800 U
Phenol	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	<i>710 U</i>	1,500 U

^a Rejected because of extremely low (<10%) recovery in laboratory control samples

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Table A5-4. Other SVOC concentrations (µg/kg ww) in starry flounder whole body and fillet tissue samples – Area T4

ANALYTE	WHOLE BODY			FILLET
	LDW-T4-M-SF-WB-comp-1	LDW-T4-M-SF-WB-comp-2	LDW-T4-M-SF-WB-comp-3	LDW-T4-M-SF-FL-comp-1
1,2,4-Trichlorobenzene	580 U	570 U	570 U	570 U
1,2-Dichlorobenzene	580 U	570 U	570 U	570 U
1,3-Dichlorobenzene	580 U	570 U	570 U	570 U
1,4-Dichlorobenzene	580 U	570 U	570 U	570 U
2,4,5-Trichlorophenol	2,900 U	2,900 U	2,900 U	2,900 U
2,4,6-Trichlorophenol	2,900 U	2,900 U	2,900 U	2,900 U
2,4-Dichlorophenol	1,200 U	1,200 U	1,200 U	1,200 U
2,4-Dimethylphenol	1,200 U	1,200 U	1,200 U	1,200 U
2,4-Dinitrophenol	12,000 U	12,000 U	12,000 U	12,000 U
2,4-Dinitrotoluene	1,200 U	1,200 U	1,200 U	1,200 U
2,6-Dinitrotoluene	1,200 U	1,200 U	1,200 U	1,200 U
2-Chloronaphthalene	580 U	570 U	570 U	570 U
2-Chlorophenol	1,200 U	1,200 U	1,200 U	1,200 U
2-Methylphenol	1,200 U	1,200 U	1,200 U	1,200 U
2-Nitroaniline	2,900 U	2,900 U	2,900 U	2,900 U
2-Nitrophenol	2,900 U	2,900 U	2,900 U	2,900 U
3,3'-Dichlorobenzidine	29,000 U	29,000 U	29,000 U	29,000 U
3-Nitroaniline	5,800 U	5,700 U	5,700 U	5,700 U
4,6-Dinitro-o-cresol	5,800 U	5,700 U	5,700 U	5,700 U
4-Bromophenyl phenyl ether	580 U	570 U	570 U	570 U
4-Chloro-3-methylphenol	2,900 U	2,900 U	2,900 U	2,900 U
4-Chloroaniline	2,900 U	2,900 U	2,900 U	2,900 U
4-Chlorophenyl phenyl ether	580 U	570 U	570 U	570 U
4-Methylphenol	1,200 U	1,200 U	1,200 U	1,200 U

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

ANALYTE	WHOLE BODY			FILLET
	LDW-T4-M-SF-WB-comp-1	LDW-T4-M-SF-WB-comp-2	LDW-T4-M-SF-WB-comp-3	LDW-T4-M-SF-FL-comp-1
4-Nitroaniline	2,900 U	2,900 U	2,900 U	2,900 U
4-Nitrophenol	5,800 U	5,700 U	5,700 U	5,700 U
Aniline	12,000 U	12,000 U	12,000 U	12,000 U
Benzidine	UR ^a	UR ^a	UR ^a	UR ^a
Benzoic acid	5,800 J	5,700 J	5,000 J	4,700 J
Benzyl alcohol	580 U	570 U	570 U	570 U
bis(2-chloroethoxy)methane	580 U	570 U	570 U	570 U
bis(2-chloroethyl)ether	580 U	570 U	570 U	570 U
bis(2-chloroisopropyl)ether	580 U	570 U	570 U	570 U
Carbazole	2,900 U	2,900 U	2,900 U	2,900 U
Hexachlorobenzene	7.2 U	7.2 U	7.2 U	7.2 U
Hexachlorobutadiene	580 U	570 U	570 U	570 U
Hexachlorocyclopentadiene	72,000 U	72,000 U	72,000 U	72,000 U
Hexachloroethane	580 U	570 U	570 U	570 U
Isophorone	580 U	570 U	570 U	570 U
Nitrobenzene	580 U	570 U	570 U	570 U
N-Nitrosodimethylamine	2,900 U	2,900 U	2,900 U	2,900 U
N-Nitroso-di-n-propylamine	580 U	570 U	570 U	570 U
N-Nitrosodiphenylamine	580 U	570 U	570 U	570 U
Pentachlorophenol	5,800 U	5,700 U	5,700 U	5,700 U
Phenol	1,500 U	1,500 U	1,500 U	1,500 U

^a Rejected because of extremely low (<10%) recovery in laboratory control samples

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Table A5-5. Other SVOC concentrations (µg/kg ww) in Pacific staghorn sculpin whole body tissue samples – Areas T1 and T2

ANALYTE	LDW-T1-A-PS-WB-comp-1	LDW-T1-B-PS-WB-comp-1	LDW-T1-C-PS-WB-comp-1	LDW-T1-D-PS-WB-comp-1	LDW-T1-E-PS-WB-comp-1	LDW-T1-F-PS-WB-comp-1	LDW-T2-A-PS-WB-comp-1	LDW-T2-B-PS-WB-comp-1	LDW-T2-C-PS-WB-comp-1	LDW-T2-D-PS-WB-comp-1	LDW-T2-E-PS-WB-comp-1	LDW-T2-F-PS-WB-comp-1
1,2,4-Trichlorobenzene	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
1,2-Dichlorobenzene	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
1,3-Dichlorobenzene	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
1,4-Dichlorobenzene	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
2,4,5-Trichlorophenol	540 J	800 U	800 U	800 U	790 U	800 U	800 U	790 U	800 U	800 U	790 U	790 U
2,4,6-Trichlorophenol	270 J	800 U	800 U	800 U	790 U	800 U	800 U	790 U	800 U	800 U	790 U	790 U
2,4-Dichlorophenol	220 J	800 U	800 U	800 U	790 U	800 U	800 U	790 U	800 U	800 U	790 U	790 U
2,4-Dimethylphenol	210 J	800 U	800 U	800 U	790 U	800 U	800 U	790 U	800 U	800 U	790 U	790 U
2,4-Dinitrophenol	8,000 U	8,000 U	8,000 U	8,000 U	7,900 U	8,000 U	8,000 U	7,900 U	8,000 U	8,000 U	7,900 U	7,900 U
2,4-Dinitrotoluene	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U
2,6-Dinitrotoluene	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U
2-Chloronaphthalene	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
2-Chlorophenol	800 U	800 U	800 U	800 U	790 U	800 U	800 U	790 U	800 U	800 U	790 U	790 U
2-Methylphenol	800 U	800 U	800 U	800 U	790 U	800 U	800 U	790 U	800 U	800 U	790 U	790 U
2-Nitroaniline	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U
2-Nitrophenol	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
3,3'-Dichlorobenzidine	20,000 U	20,000 U	20,000 U	20,000 U	20,000 U	20,000 U	20,000 U	20,000 U	20,000 U	20,000 U	20,000 U	20,000 U
3-Nitroaniline	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U
4,6-Dinitro-o-cresol	8,000 U	8,000 U	8,000 U	8,000 U	7,900 U	8,000 U	8,000 U	7,900 U	8,000 U	8,000 U	7,900 U	7,900 U
4-Bromophenyl phenyl ether	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
4-Chloro-3-methylphenol	860 J	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U
4-Chloroaniline	79 J	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U
4-Chlorophenyl phenyl ether	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

ANALYTE	LDW-T1-A-PS-WB-comp-1	LDW-T1-B-PS-WB-comp-1	LDW-T1-C-PS-WB-comp-1	LDW-T1-D-PS-WB-comp-1	LDW-T1-E-PS-WB-comp-1	LDW-T1-F-PS-WB-comp-1	LDW-T2-A-PS-WB-comp-1	LDW-T2-B-PS-WB-comp-1	LDW-T2-C-PS-WB-comp-1	LDW-T2-D-PS-WB-comp-1	LDW-T2-E-PS-WB-comp-1	LDW-T2-F-PS-WB-comp-1
4-Methylphenol	380 J	800 U	800 U	800 U	790 U	800 U	800 U	790 U	800 U	800 U	790 U	790 U
4-Nitroaniline	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U
4-Nitrophenol	3,300 J	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U
Aniline	8,000 U	8,000 U	8,000 U	8,000 U	7,900 U	8,000 U	8,000 U	7,900 U	8,000 U	8,000 U	7,900 U	7,900 U
Benzidine	UR ^a	UR ^a	UR ^a	UR ^a	UR ^a	UR ^a	UR ^a	UR ^a	UR ^a	UR ^a	UR ^a	UR ^a
Benzoic acid	6,800 J	6,400 J	6,500 J	6,300 J	6,500 J	6,400 J	6,400 J	6,200 J	6,400 J	6,500 J	6,300 J	6,400 J
Benzyl alcohol	2,100	510	310 J	160 J	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
bis(2-chloroethoxy)methane	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
bis(2-chloroethyl)ether	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
bis(2-chloroisopropyl)ether	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Carbazole	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U
Hexachlorobenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.2 U	1.1 U	1.0 U	1.2 U	1.4 U
Hexachlorobutadiene	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Hexachlorocyclopentadiene	50,000 UJ	50,000 UJ	50,000 UJ	50,000 UJ	50,000 UJ	50,000 UJ	50,000 U	50,000 U	50,000 U	50,000 UJ	50,000 U	50,000 U
Hexachloroethane	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Isophorone	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Nitrobenzene	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
N-Nitrosodimethylamine	800 U	800 U	800 U	800 U	790 U	800 U	800 U	790 U	800 U	800 U	790 U	790 U
N-Nitroso-di-n-propylamine	170 J	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
N-Nitrosodiphenylamine	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Pentachlorophenol	2,600 J	540 J	4,000 UJ	4,000 UJ	4,000 UJ	4,000 UJ	4,000 U	4,000 U	4,000 U	4,000 UJ	4,000 U	4,000 U
Phenol	200 J	1,000 U	1,000 U	1,000 U	990 U	1,000 U	1,000 U	990 U	990 U	1,000 U	980 U	990 U

^a Rejected because of extremely low (<10%) recovery in laboratory control samples

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Table A5-6. Other SVOC concentrations (µg/kg ww) in Pacific staghorn sculpin whole body tissue samples – Areas T3 and T4

ANALYTE	LDW-T3-A-PS-WB-comp-1	LDW-T3-B-PS-WB-comp-1	LDW-T3-C-PS-WB-comp-1	LDW-T3-D-PS-WB-comp-1	LDW-T3-E-PS-WB-comp-1	LDW-T3-F-PS-WB-comp-1	LDW-T4-A-PS-WB-comp-1	LDW-T4-B-PS-WB-comp-1	LDW-T4-C-PS-WB-comp-1	LDW-T4-D-PS-WB-comp-1	LDW-T4-D-PS-WB-comp-2	LDW-T4-E-PS-WB-comp-1
1,2,4-Trichlorobenzene	400 U	400 U	400 U	400 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
1,2-Dichlorobenzene	400 U	400 U	400 U	400 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
1,3-Dichlorobenzene	400 U	400 U	400 U	400 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
1,4-Dichlorobenzene	400 U	400 U	400 U	400 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
2,4,5-Trichlorophenol	800 U	790 U	790 U	800 U	80 U	80 U	79 U	80 U	80 U	80 U	80 U	80 U
2,4,6-Trichlorophenol	800 U	790 U	790 U	800 U	80 U	80 U	79 U	80 U	80 U	80 U	80 U	80 U
2,4-Dichlorophenol	800 U	790 U	790 U	800 U	80 U	80 U	79 U	80 U	80 U	80 U	80 U	80 U
2,4-Dimethylphenol	800 U	790 U	790 U	800 U	80 U	80 U	79 U	80 U	80 U	80 U	80 U	80 U
2,4-Dinitrophenol	8,000 U	7,900 U	7,900 U	8,000 U	800 U	800 U	790 U	800 U	UR ^a	UR ^a	UR ^a	UR ^a
2,4-Dinitrotoluene	2,000 U	2,000 U	2,000 U	2,000 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
2,6-Dinitrotoluene	2,000 U	2,000 U	2,000 U	2,000 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	7.6 J
2-Chloronaphthalene	400 U	400 U	400 U	400 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
2-Chlorophenol	800 U	790 U	790 U	800 U	80 U	80 U	79 U	80 U	80 U	80 U	80 U	80 U
2-Methylphenol	800 U	790 U	790 U	800 U	80 U	80 U	79 U	80 U	80 U	80 U	80 U	80 U
2-Nitroaniline	2,000 U	2,000 U	2,000 U	2,000 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
2-Nitrophenol	400 U	400 U	400 U	400 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
3,3'-Dichlorobenzidine	20,000 U	20,000 U	20,000 U	20,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U	2,000 U
3-Nitroaniline	4,000 U	4,000 U	4,000 U	4,000 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
4,6-Dinitro-o-cresol	8,000 U	7,900 U	7,900 U	8,000 U	800 U	800 U	790 U	800 U	800 U	800 U	800 U	800 U
4-Bromophenyl phenyl ether	400 U	400 U	400 U	400 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
4-Chloro-3-methylphenol	2,000 U	2,000 U	2,000 U	2,000 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

ANALYTE	LDW-T3-A-PS-WB-comp-1	LDW-T3-B-PS-WB-comp-1	LDW-T3-C-PS-WB-comp-1	LDW-T3-D-PS-WB-comp-1	LDW-T3-E-PS-WB-comp-1	LDW-T3-F-PS-WB-comp-1	LDW-T4-A-PS-WB-comp-1	LDW-T4-B-PS-WB-comp-1	LDW-T4-C-PS-WB-comp-1	LDW-T4-D-PS-WB-comp-1	LDW-T4-D-PS-WB-comp-2	LDW-T4-E-PS-WB-comp-1
4-Chloroaniline	2,000 U	2,000 U	2,000 U	2,000 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
4-Chlorophenyl phenyl ether	400 U	400 U	400 U	400 U	40 U	40 U	40 U	40 U	40 U	5.1 J	40 U	40 U
4-Methylphenol	800 U	790 U	790 U	800 U	21 J	20 J	30 J	80 U	80 U	80 U	80 U	80 U
4-Nitroaniline	2,000 U	2,000 U	2,000 U	2,000 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
4-Nitrophenol	4,000 U	4,000 U	4,000 U	4,000 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Aniline	8,000 U	7,900 U	7,900 U	8,000 U	800 U	800 U	790 U	800 U	800 U	800 U	800 U	800 U
Benzidine	UR ^a	UR ^a	UR ^a	UR ^a	UR ^a	UR ^a	UR ^a	UR ^a	UR ^a	UR ^a	UR ^a	UR ^a
Benzoic acid	6,500 J	6,400 J	6,400 J	6,400 J	1,200 J	1,200 J	950 J	800 U	1,000	920	890	930
Benzyl alcohol	400 U	400 U	400 U	400 U	41	24 J	38 J	40 U	40 U	40 U	40 U	40 U
bis(2-chloroethoxy)methane	400 U	400 U	400 U	400 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
bis(2-chloroethyl)ether	400 U	400 U	400 U	400 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
bis(2-chloroisopropyl)ether	400 U	400 U	400 U	400 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
Carbazole	2,000 U	2,000 U	2,000 U	2,000 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
Hexachlorobenzene	1.0 U	1.2 JN	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.3 JN	1.0 U
Hexachlorobutadiene	400 U	400 U	400 U	400 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
Hexachlorocyclopentadiene	50,000 U	50,000 U	50,000 UJ	50,000 U	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U
Hexachloroethane	400 U	400 U	400 U	400 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
Isophorone	400 U	400 U	400 U	400 U	40 U	40 U	7.3 J	40 U	40 U	40 U	40 U	40 U
Nitrobenzene	400 U	400 U	400 U	400 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
N-Nitrosodimethylamine	800 U	790 U	790 U	800 U	80 U	80 U	79 U	80 U	80 U	80 U	80 U	80 U
N-Nitroso-di-n-propylamine	400 U	400 U	400 U	400 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
N-Nitrosodiphenylamine	400 U	400 U	400 U	400 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U	40 U
Pentachlorophenol	4,000 U	4,000 U	4,000 UJ	4,000 U	43 J	400 U	400 U	400 U	400 U	400 U	400 U	400 U
Phenol	1,000 U	980 U	990 U	1,000 U	17 J	100 U	98 U	100 U	100 U	100 U	100 U	100 U

^a Rejected because of extremely low (<10%) recovery in laboratory control samples

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Table A5-7. Other SVOC concentrations (µg/kg ww) in shiner surfperch whole body tissue samples – Areas T1 and T2

ANALYTE	LDW-T1-A-SS-WB-comp-1	LDW-T1-B-SS-WB-comp-1	LDW-T1-C-SS-WB-comp-1	LDW-T1-D-SS-WB-comp-1	LDW-T1-E-SS-WB-comp-1	LDW-T1-F-SS-WB-comp-1	LDW-T2-A-SS-WB-comp-1	LDW-T2-B-SS-WB-comp-1	LDW-T2-C-SS-WB-comp-1	LDW-T2-D-SS-WB-comp-1	LDW-T2-E-SS-WB-comp-1	LDW-T2-F-SS-WB-comp-1
1,2,4-Trichlorobenzene	57 U	57 U	57 U	58 U	57 U	57 U	57 U	57 U	57 U	57 U	570 U	58 U
1,2-Dichlorobenzene	57 U	57 U	57 U	58 U	57 U	57 U	57 U	57 U	57 U	57 U	570 U	58 U
1,3-Dichlorobenzene	57 U	57 U	57 U	58 U	57 U	57 U	57 U	57 U	57 U	57 U	570 U	58 U
1,4-Dichlorobenzene	57 U	57 U	57 U	58 U	57 U	57 U	57 U	57 U	57 U	57 U	570 U	58 U
2,4,5-Trichlorophenol	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	290 U	290 U	1,200 U	290 U
2,4,6-Trichlorophenol	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	290 U	290 U	1,200 U	290 U
2,4-Dichlorophenol	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	1,200 U	120 U
2,4-Dimethylphenol	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	290 U	UR ^a	UR ^a	UR ^a
2,4-Dinitrophenol	UR ^a	UR ^a	UR ^a	UR ^a	UR ^a	UR ^a	UR ^a	UR ^a	12,000 U	UR ^a	UR ^a	UR ^a
2,4-Dinitrotoluene	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	2,900 U	290 U
2,6-Dinitrotoluene	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	57 U	57 U	1,200 U	58 U
2-Chloronaphthalene	57 U	57 U	57 U	58 U	57 U	57 U	57 U	57 U	57 U	57 U	570 U	58 U
2-Chlorophenol	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	1,200 U	120 U
2-Methylphenol	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	1,200 U	120 U
2-Nitroaniline	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	2,900 U	290 U
2-Nitrophenol	57 U	57 U	57 U	58 U	57 U	57 U	57 U	57 U	57 U	57 U	2,900 U	58 U
3,3'-Dichlorobenzidine	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	29,000 U	2,900 U
3-Nitroaniline	570 U	570 U	570 U	580 U	570 U	570 U	570 U	570 U	570 U	570 U	5,700 U	580 U
4,6-Dinitro-o-cresol	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	2,900 U	2,900 U	5,700 U	2,900 U
4-Bromophenyl phenyl ether	57 U	57 U	57 U	58 U	57 U	57 U	57 U	57 U	57 U	57 U	570 U	58 U

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

ANALYTE	LDW-T1-A-SS-WB-comp-1	LDW-T1-B-SS-WB-comp-1	LDW-T1-C-SS-WB-comp-1	LDW-T1-D-SS-WB-comp-1	LDW-T1-E-SS-WB-comp-1	LDW-T1-F-SS-WB-comp-1	LDW-T2-A-SS-WB-comp-1	LDW-T2-B-SS-WB-comp-1	LDW-T2-C-SS-WB-comp-1	LDW-T2-D-SS-WB-comp-1	LDW-T2-E-SS-WB-comp-1	LDW-T2-F-SS-WB-comp-1
4-Chloro-3-methylphenol	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	2,900 U	290 U
4-Chloroaniline	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	2,900 U	290 U
4-Chlorophenyl phenyl ether	57 U	57 U	57 U	58 U	57 U	57 U	57 U	57 U	57 U	57 U	570 U	58 U
4-Methylphenol	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	1,200 U	120 U
4-Nitroaniline	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	2,900 U	290 U
4-Nitrophenol	570 U	570 U	570 U	580 U	570 U	570 U	570 U	570 U	530 J	530 J	5,700 U	1,200 U
Aniline	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	12,000 U	1,200 U
Benzidine	R ^a	R ^a	R ^a	R ^a	R ^a	R ^a	R ^a	R ^a	R ^a	R ^a	R ^a	R ^a
Benzoic acid	1,200	1,600	1,400	1,600	1,300	1,400	1,500	1,400	6,700	2,900 U	7,400 J	2,900 U
Benzyl alcohol	57 U	57 U	57 U	58 U	57 U	57 U	57 U	57 U	290 U	290 U	200 J	290 U
bis(2-chloroethoxy)methane	57 U	57 U	57 U	58 U	57 U	57 U	57 U	57 U	120 U	120 U	570 U	120 U
bis(2-chloroethyl)ether	57 U	57 U	57 U	58 U	57 U	57 U	57 U	57 U	57 U	57 U	570 U	58 U
bis(2-chloroisopropyl)ether	57 U	57 U	57 U	58 U	57 U	57 U	57 U	57 U	120 U	120 U	570 U	120 U
Carbazole	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	2,900 U	290 U
Hexachlorobenzene	1.8 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.7 U	1.5 U	1.5 U	1.5 U	2.2 U	2.1 U
Hexachlorobutadiene	57 U	57 U	57 U	58 U	57 U	57 U	57 U	57 U	57 U	57 U	570 U	58 U
Hexachlorocyclopentadiene	7,200 U	7,200 U	7,200 U	7,200 U	7,200 U	7,200 U	7,200 U	7,200 U	7,200 U	7,200 U	72,000 U	7,200 U
Hexachloroethane	57 U	57 U	57 U	58 U	57 U	57 U	57 U	57 U	57 U	57 U	570 U	58 U
Isophorone	57 U	57 U	57 U	58 U	57 U	57 U	57 U	57 U	57 U	57 U	570 U	58 U
Nitrobenzene	57 U	57 U	57 U	58 U	57 U	57 U	57 U	57 U	57 U	57 U	570 U	58 U
N-Nitrosodimethylamine	120 U	120 U	120 U	120 U	120 U	120 U	120 U	120 U	570 U	570 U	570 U	580 U
N-Nitroso-di-n-propylamine	57 U	57 U	57 U	58 U	57 U	57 U	57 U	57 U	120 U	120 U	570 U	120 U
N-Nitrosodiphenylamine	57 U	57 U	57 U	58 U	57 U	57 U	57 U	57 U	57 U	57 U	570 U	58 U
Pentachlorophenol	570 U	570 U	570 U	580 U	570 U	570 U	570 U	570 U	1,200 U	1,200 U	2,400 J	1,200 U
Phenol	150 U	150 U	130 J	95 J	68 J	290	52 J	68 J	62 J	79 J	1,500 U	61 J

^a Rejected because of extremely low (<10%) recovery in laboratory control samples

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Table A5-8. Other SVOC concentrations (µg/kg ww) in shiner surfperch whole body tissue samples – Areas T3 and T4

ANALYTE	LDW-T3-A-SS-WB-comp-1	LDW-T3-B-SS-WB-comp-1	LDW-T3-C-SS-WB-comp-1	LDW-T3-D-SS-WB-comp-1	LDW-T3-E-SS-WB-comp-1	LDW-T3-F-SS-WB-comp-1	LDW-T4-A-SS-WB-comp-1	LDW-T4-B-SS-WB-comp-1	LDW-T4-B-SS-WB-comp-2	LDW-T4-C-SS-WB-comp-1	LDW-T4-C-SS-WB-comp-2	LDW-T4-D-SS-WB-comp-1
1,2,4-Trichlorobenzene	580 U	570 U	570 U	570 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U
1,2-Dichlorobenzene	580 U	570 U	570 U	570 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U
1,3-Dichlorobenzene	580 U	570 U	570 U	570 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U
1,4-Dichlorobenzene	580 U	570 U	570 U	570 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U
2,4,5-Trichlorophenol	1,200 U	1,200 U	1,200 U	15,000 UJ	7,200 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U
2,4,6-Trichlorophenol	1,200 U	1,200 U	1,200 U	15,000 UJ	7,200 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U
2,4-Dichlorophenol	1,200 U	1,200 U	1,200 U	1,200 U	570 U	570 U	570 U	580 U	570 U	570 U	570 U	570 U
2,4-Dimethylphenol	1,200 U	1,200 U	1,200 U	1,200 U	570 U	570 U	570 U	580 U	570 U	570 U	570 U	570 U
2,4-Dinitrophenol	UR ^a	UR ^a	UR ^a	UJ ^a	29,000 U	5,700 U	5,700 U	5,800 U	5,700 U	5,700 U	5,700 U	5,700 U
2,4-Dinitrotoluene	2,900 U	2,900 U	2,900 U	15,000 UJ	7,200 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U
2,6-Dinitrotoluene	1,200 U	1,200 U	1,200 U	15,000 UJ	7,200 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U
2-Chloronaphthalene	580 U	570 U	570 U	2,900 U	1,500 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U
2-Chlorophenol	1,200 U	1,200 U	1,200 U	1,200 U	570 U	570 U	570 U	580 U	570 U	570 U	570 U	570 U
2-Methylphenol	1,200 U	1,200 U	1,200 U	1,100 J	570 U	570 U	570 U	580 U	570 U	570 U	570 U	570 U
2-Nitroaniline	2,900 U	2,900 U	2,900 U	15,000 UJ	7,200 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U
2-Nitrophenol	2,900 U	2,900 U	2,900 U	5,200 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U
3,3'-Dichlorobenzidine	29,000 U	29,000 U	29,000 U	29,000 U	15,000 U	15,000 U	15,000 U	15,000 U	15,000 U	15,000 U	15,000 U	15,000 U
3-Nitroaniline	5,800 U	5,700 U	5,700 U	29,000 UJ	15,000 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U
4,6-Dinitro-o-cresol	5,800 U	5,700 U	5,700 U	29,000 UJ	15,000 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U
4-Bromophenyl phenyl ether	580 U	570 U	570 U	570 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U
4-Chloro-3-methylphenol	2,900 U	2,900 U	2,900 U	2,900 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

ANALYTE	LDW-T3-A-SS-WB-comp-1	LDW-T3-B-SS-WB-comp-1	LDW-T3-C-SS-WB-comp-1	LDW-T3-D-SS-WB-comp-1	LDW-T3-E-SS-WB-comp-1	LDW-T3-F-SS-WB-comp-1	LDW-T4-A-SS-WB-comp-1	LDW-T4-B-SS-WB-comp-1	LDW-T4-B-SS-WB-comp-2	LDW-T4-C-SS-WB-comp-1	LDW-T4-C-SS-WB-comp-2	LDW-T4-D-SS-WB-comp-1
4-Chloroaniline	2,900 U	2,900 U	2,900 U	2,900 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U
4-Chlorophenyl phenyl ether	580 U	570 U	570 U	2,900 UJ	1,500 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U
4-Methylphenol	1,200 U	1,200 U	1,200 U	1,500 J	570 U	570 U	570 U	580 U	570 U	570 U	570 U	570 U
4-Nitroaniline	2,900 U	2,900 U	2,900 U	29,000 UJ	15,000 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U
4-Nitrophenol	UR ^a	UR ^a	UR ^a	UJ ^a	UR ^a	UR ^a	UR ^a	UR ^a	UR ^a	UR ^a	UR ^a	UR ^a
Aniline	12,000 U	12,000 U	12,000 U	12,000 U	5,700 U	5,700 U	5,700 U	5,800 U	5,700 U	5,700 U	5,700 U	5,700 U
Benzidine	72,000 R	72,000 R	72,000 R	72,000 R	50,000 R	50,000 R	50,000 R	50,000 R	50,000 R	50,000 R	50,000 R	50,000 R
Benzoic acid	7,100 J	7,000 J	6,900 J	54,000 J	5,700 U	5,700 U	5,700 U	5,800 U	5,700 U	5,700 U	5,700 U	5,700 U
Benzyl alcohol	580 U	570 U	570 U	570 U	290 U	69 J	570 U	580 U	100 J	570 U	570 U	570 U
bis(2-chloroethoxy)methane	580 U	570 U	570 U	570 U	240 J	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U
bis(2-chloroethyl)ether	580 U	570 U	570 U	570 U	290 U	570 U	570 U	580 U	570 U	570 U	570 U	570 U
bis(2-chloroisopropyl)ether	580 U	570 U	570 U	570 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U
Carbazole	2,900 U	2,900 U	2,900 U	14,000 J	6,000 J	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U
Hexachlorobenzene	4.1 JN	2.9 U	1.9 U	1.5 U	1.5 U	2.4 U	2.0 U	1.9 U	3.0 U	3.3 U	3.2 U	4.3 U
Hexachlorobutadiene	580 U	570 U	570 U	570 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U
Hexachlorocyclopentadiene	72,000 U	72,000 U	72,000 U	360,000 UJ	250,000 U	50,000 U	50,000 U	50,000 U	50,000 U	50,000 U	50,000 U	50,000 U
Hexachloroethane	580 U	570 U	570 U	570 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U
Isophorone	580 U	570 U	570 U	570 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U
Nitrobenzene	580 U	570 U	570 U	570 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U
N-Nitrosodimethylamine	580 U	570 U	570 U	570 U	290 U	5,700 U	5,700 U	5,800 U	5,700 U	5,700 U	5,700 U	5,700 U
N-Nitroso-di-n-propylamine	580 U	570 U	570 U	570 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U
N-Nitrosodiphenylamine	580 U	570 U	570 U	2,900 UJ	1,500 U	290 U	290 U	290 U	290 U	290 U	290 U	290 U
Pentachlorophenol	2,200 J	5,700 U	5,700 U	2,200 J	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U
Phenol	1,500 U	310 J	670 J	1,500 U	720 U	570 J	720 U	720 U	270 J	710 U	720 U	710 U

^a Rejected because of extremely low (10%) recovery in laboratory control samples

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Table A5-9. Other SVOC concentrations (µg/kg ww) in striped and pile perch fillet samples – Area T1

ANALYTE	PILE PERCH FILLET LDW-M-M-PP- FL-comp-1	STRIPED PERCH FILLET LDW-M-M-SP- FL-comp-1
1,2,4-Trichlorobenzene	580 U	580 U
1,2-Dichlorobenzene	580 U	580 U
1,3-Dichlorobenzene	580 U	580 U
1,4-Dichlorobenzene	580 U	580 U
2,4,5-Trichlorophenol	2,900 U	2,900 U
2,4,6-Trichlorophenol	2,900 U	2,900 U
2,4-Dichlorophenol	1,200 U	1,200 U
2,4-Dimethylphenol	1,200 U	1,200 U
2,4-Dinitrophenol	12,000 U	12,000 U
2,4-Dinitrotoluene	1,200 U	1,200 U
2,6-Dinitrotoluene	1,200 U	1,200 U
2-Chloronaphthalene	580 U	580 U
2-Chlorophenol	1,200 U	1,200 U
2-Methylphenol	1,200 U	1,200 U
2-Nitroaniline	2,900 U	2,900 U
2-Nitrophenol	2,900 U	2,900 U
3,3'-Dichlorobenzidine	29,000 U	29,000 U
3-Nitroaniline	5,800 U	5,800 U
4,6-Dinitro-o-cresol	5,800 U	5,800 U
4-Bromophenyl phenyl ether	580 U	580 U
4-Chloro-3-methylphenol	2,900 U	2,900 U
4-Chloroaniline	2,900 U	2,900 U
4-Chlorophenyl phenyl ether	580 U	580 U

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

ANALYTE	PILE PERCH FILLET LDW-M-M-PP- FL-comp-1	STRIPED PERCH FILLET LDW-M-M-SP- FL-comp-1
4-Methylphenol	1,200 U	1,200 U
4-Nitroaniline	2,900 U	2,900 U
4-Nitrophenol	5,800 U	5,800 U
Aniline	12,000 U	12,000 U
Benzidine	UR ^a	UR ^a
Benzoic acid	5,700 J	12,000 U
Benzyl alcohol	180 J	580 U
bis(2-chloroethoxy)methane	580 U	580 U
bis(2-chloroethyl)ether	580 U	580 U
bis(2-chloroisopropyl)ether	580 U	580 U
Carbazole	2,900 U	2,900 U
Hexachlorobenzene	7.2 U	7.2 U
Hexachlorobutadiene	580 U	580 U
Hexachlorocyclopentadiene	72,000 U	72,000 U
Hexachloroethane	580 U	580 U
Isophorone	580 U	580 U
Nitrobenzene	580 U	580 U
N-Nitrosodimethylamine	2,900 U	2,900 U
N-Nitroso-di-n-propylamine	580 U	580 U
N-Nitrosodiphenylamine	580 U	580 U
Pentachlorophenol	5,800 U	5,800 U
Phenol	1,500 U	1,500 U

^a Rejected because of extremely low (<10%) recovery in laboratory control samples

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Table A5-10. Other SVOC concentrations (µg/kg ww) in Dungeness crab edible meat and hepatopancreas samples – Areas T1, T3, and T4

Analyte	EDIBLE MEAT							HEPATOPANCREAS		
	LDW-T1-M-DC-EM-comp-1	LDW-T1-M-DC-EM-comp-2	LDW-T1-M-DC-EM-comp-3	LDW-T3-M-DC-EM-comp-1	LDW-T3-M-DC-EM-comp-2	LDW-T3-M-DC-EM-comp-3	LDW-T4-M-DC-EM-comp-1	LDW-T1-M-DC-HP-comp-1	LDW-T3-M-DC-HP-comp-1	LDW-T4-M-DC-HP-comp-1
1,2,4-Trichlorobenzene	<i>570 U</i>	570 U	570 U	570 U	570 U	570 U	<i>570 U</i>	580 U	570 U	570 U
1,2-Dichlorobenzene	<i>570 U</i>	570 U	570 U	570 U	570 U	570 U	<i>570 U</i>	580 U	570 U	570 U
1,3-Dichlorobenzene	<i>570 U</i>	570 U	570 U	570 U	570 U	570 U	<i>570 U</i>	580 U	570 U	570 U
1,4-Dichlorobenzene	<i>570 U</i>	570 U	570 U	570 U	570 U	570 U	<i>570 U</i>	580 U	570 U	570 U
2,4,5-Trichlorophenol	<i>2,900 U</i>	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	<i>2,900 U</i>	2,900 U	2,900 U	2,900 U
2,4,6-Trichlorophenol	<i>2,900 U</i>	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	<i>2,900 U</i>	2,900 U	2,900 U	2,900 U
2,4-Dichlorophenol	<i>1,200 U</i>	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	<i>1,200 U</i>	1,200 U	1,200 U	1,200 U
2,4-Dimethylphenol	<i>1,200 U</i>	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	<i>1,200 U</i>	1,200 U	1,200 U	1,200 U
2,4-Dinitrophenol	<i>12,000 U</i>	12,000 U	12,000 U	12,000 U	12,000 U	12,000 U	<i>12,000 U</i>	12,000 U	12,000 U	12,000 U
2,4-Dinitrotoluene	<i>1,200 U</i>	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	<i>2,900 U</i>	1,200 U	1,200 U	2,900 U
2,6-Dinitrotoluene	<i>1,200 U</i>	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	<i>2,900 U</i>	1,200 U	1,200 U	2,900 U
2-Chloronaphthalene	<i>570 U</i>	570 U	570 U	570 U	570 U	570 U	<i>570 U</i>	580 U	570 U	570 U
2-Chlorophenol	<i>1,200 U</i>	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	<i>1,200 U</i>	1,200 U	1,200 U	1,200 U
2-Methylphenol	<i>1,200 U</i>	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	<i>1,200 U</i>	1,200 U	1,200 U	1,200 U
2-Nitroaniline	<i>2,900 U</i>	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	<i>2,900 U</i>	2,900 U	2,900 U	2,900 U
2-Nitrophenol	<i>2,900 U</i>	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	<i>2,900 U</i>	2,900 U	2,900 U	2,900 U
3,3'-Dichlorobenzidine	<i>29,000 U</i>	29,000 U	29,000 U	29,000 U	29,000 U	29,000 U	<i>29,000 U</i>	29,000 U	29,000 U	29,000 U
3-Nitroaniline	<i>5,700 U</i>	5,700 U	5,700 U	5,700 U	5,700 U	5,700 U	<i>5,700 U</i>	5,800 U	5,700 U	5,700 U
4,6-Dinitro-o-cresol	<i>5,700 U</i>	5,700 U	5,700 U	5,700 U	5,700 U	5,700 U	<i>5,700 U</i>	5,800 U	5,700 U	5,700 U
4-Bromophenyl phenyl ether	<i>570 U</i>	570 U	570 U	570 U	570 U	570 U	<i>570 U</i>	580 U	570 U	570 U
4-Chloro-3-methylphenol	<i>2,900 U</i>	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	<i>2,900 U</i>	2,900 U	2,900 U	2,900 U
4-Chloroaniline	<i>2,900 U</i>	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	<i>2,900 U</i>	2,900 U	2,900 U	2,900 U
4-Chlorophenyl phenyl ether	<i>570 U</i>	570 U	570 U	570 U	570 U	570 U	<i>570 U</i>	580 U	570 U	570 U

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Analyte	EDIBLE MEAT							HEPATOPANCREAS		
	LDW-T1-M-DC-EM-comp-1	LDW-T1-M-DC-EM-comp-2	LDW-T1-M-DC-EM-comp-3	LDW-T3-M-DC-EM-comp-1	LDW-T3-M-DC-EM-comp-2	LDW-T3-M-DC-EM-comp-3	LDW-T4-M-DC-EM-comp-1	LDW-T1-M-DC-HP-comp-1	LDW-T3-M-DC-HP-comp-1	LDW-T4-M-DC-HP-comp-1
4-Methylphenol	<i>1,200 U</i>	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	<i>1,200 U</i>	1,200 U	1,200 U	1,200 U
4-Nitroaniline	<i>2,900 U</i>	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	<i>5,700 U</i>	2,900 U	2,900 U	5,700 U
4-Nitrophenol	<i>5,700 U</i>	5,700 U	5,700 U	5,700 U	5,700 U	5,700 U	<i>5,700 U</i>	5,800 U	5,700 U	5,700 U
Aniline	<i>12,000 U</i>	12,000 U	12,000 U	12,000 U	12,000 U	12,000 U	<i>12,000 U</i>	12,000 U	12,000 U	12,000 U
Benzidine	UR ^a	UR ^a	UR ^a	UR ^a	UR ^a	UR ^a	R ^a	UR ^a	UR ^a	R ^a
Benzoic acid	<i>12,000 U</i>	12,000 U	12,000 U	12,000 U	12,000 U	12,000 U	<i>12,000 U</i>	12,000 U	12,000 U	12,000 U
Benzyl alcohol	<i>570 U</i>	570 U	570 U	570 U	570 U	570 U	<i>1,200 U</i>	580 U	570 U	1,200 U
bis(2-chloroethoxy)methane	<i>570 U</i>	570 U	570 U	570 U	570 U	570 U	<i>2,900 U</i>	580 U	570 U	2,900 U
bis(2-chloroethyl)ether	<i>570 U</i>	570 U	570 U	570 U	570 U	570 U	<i>1,200 U</i>	580 U	570 U	1,200 U
bis(2-chloroisopropyl)ether	<i>570 U</i>	570 U	570 U	570 U	570 U	570 U	<i>570 U</i>	580 U	570 U	570 U
Carbazole	<i>2,900 U</i>	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	<i>2,900 U</i>	2,900 U	2,900 U	2,900 U
Hexachlorobenzene	<i>7.2 U</i>	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	<i>0.93 JN</i>	7.2 U	3.3 JN	15 U
Hexachlorobutadiene	<i>570 U</i>	570 U	570 U	570 U	570 U	570 U	<i>570 U</i>	580 U	570 U	570 U
Hexachlorocyclopentadiene	<i>72,000 U</i>	72,000 U	72,000 U	72,000 U	72,000 U	72,000 U	<i>72,000 U</i>	72,000 U	72,000 U	72,000 U
Hexachloroethane	<i>570 U</i>	570 U	570 U	570 U	570 U	570 U	<i>570 U</i>	580 U	570 U	570 U
Isophorone	<i>570 U</i>	570 U	570 U	570 U	570 U	570 U	<i>570 U</i>	580 U	570 U	570 U
Nitrobenzene	<i>570 U</i>	570 U	570 U	570 U	570 U	570 U	<i>570 U</i>	580 U	570 U	570 U
N-Nitrosodimethylamine	<i>2,900 U</i>	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	<i>12,000 U</i>	2,900 U	2,900 U	12,000 U
N-Nitroso-di-n-propylamine	<i>570 U</i>	570 U	570 U	570 U	570 U	570 U	<i>570 U</i>	580 U	570 U	570 U
N-Nitrosodiphenylamine	<i>570 U</i>	570 U	570 U	570 U	570 U	570 U	<i>570 U</i>	580 U	570 U	570 U
Pentachlorophenol	<i>5,700 U</i>	5,700 U	5,700 U	5,700 U	5,700 U	5,700 U	<i>5,700 U</i>	5,800 U	5,700 U	5,700 U
Phenol	<i>1,500 U</i>	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	<i>1,500 U</i>	1,500 U	1,500 U	1,500 U

^a Rejected because of extremely low (<10%) recovery in laboratory control samples

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Table A5-11. Other SVOC concentrations (µg/kg ww) in slender crab edible meat samples – Areas T1 through T3

ANALYTE	LDW-T1-M-SC-EM-comp-1	LDW-T1-M-SC-EM-comp-2	LDW-T1-M-SC-EM-comp-3	LDW-T2-M-SC-EM-comp-1	LDW-T2-M-SC-EM-comp-2	LDW-T2-M-SC-EM-comp-3	LDW-T2-M-SC-EM-comp-4	LDW-T2-M-SC-EM-comp-5	LDW-T2-M-SC-EM-comp-6	LDW-T3-M-SC-EM-comp-1	LDW-T3-M-SC-EM-comp-2	LDW-T3-M-SC-EM-comp-3
1,2,4-Trichlorobenzene	58 U	57 U	58 U	580 U	570 U	570 U	580 U	580 U	570 U	580 U	580 U	570 U
1,2-Dichlorobenzene	58 U	57 U	58 U	580 U	570 U	570 U	580 U	580 U	570 U	580 U	580 U	570 U
1,3-Dichlorobenzene	58 U	57 U	58 U	580 U	570 U	570 U	580 U	580 U	570 U	580 U	580 U	570 U
1,4-Dichlorobenzene	58 U	57 U	58 U	580 U	570 U	570 U	580 U	580 U	570 U	580 U	580 U	570 U
2,4,5-Trichlorophenol	290 U	290 U	290 U	1,200 U	1,200 U	1,200 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U
2,4,6-Trichlorophenol	290 U	290 U	290 U	1,200 U	1,200 U	1,200 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U
2,4-Dichlorophenol	120 U	120 U	120 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U
2,4-Dimethylphenol	120 U	120 U	120 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U
2,4-Dinitrophenol	1,200 U	1,200 U	1,200 U	12,000 U	12,000 U	12,000 U	12,000 U	12,000 U	12,000 U	12,000 U	12,000 U	12,000 U
2,4-Dinitrotoluene	290 U	290 U	290 U	1,200 U	1,200 U	1,200 U	1,200 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U
2,6-Dinitrotoluene	290 U	290 U	290 U	580 U	570 U	570 U	1,200 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U
2-Chloronaphthalene	58 U	57 U	58 U	580 U	570 U	570 U	580 U	580 U	570 U	580 U	580 U	570 U
2-Chlorophenol	120 U	120 U	120 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U
2-Methylphenol	120 U	120 U	120 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U
2-Nitroaniline	290 U	290 U	290 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U
2-Nitrophenol	290 U	290 U	290 U	580 U	570 U	570 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U
3,3'-Dichlorobenzidine	2,900 U	2,900 U	2,900 U	29,000 U	29,000 U	29,000 U	29,000 U	29,000 U	29,000 U	29,000 U	29,000 U	29,000 U
3-Nitroaniline	580 U	570 U	580 U	5,800 U	5,700 U	5,700 U	5,800 U	5,800 U	5,700 U	5,800 U	5,800 U	5,700 U
4,6-Dinitro-o-cresol	580 U	570 U	580 U	5,800 U	5,700 U	5,700 U	5,800 U	5,800 U	5,700 U	5,800 U	5,800 U	5,700 U
4-Bromophenyl phenyl ether	58 U	57 U	58 U	580 U	570 U	570 U	580 U	580 U	570 U	580 U	580 U	570 U
4-Chloro-3-methylphenol	290 U	290 U	290 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U
4-Chloroaniline	290 U	290 U	290 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U
4-Chlorophenyl phenyl ether	58 U	57 U	58 U	580 U	570 U	570 U	580 U	580 U	570 U	580 U	580 U	570 U
4-Methylphenol	120 U	120 U	120 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

ANALYTE	LDW-T1-M-SC-EM-comp-1	LDW-T1-M-SC-EM-comp-2	LDW-T1-M-SC-EM-comp-3	LDW-T2-M-SC-EM-comp-1	LDW-T2-M-SC-EM-comp-2	LDW-T2-M-SC-EM-comp-3	LDW-T2-M-SC-EM-comp-4	LDW-T2-M-SC-EM-comp-5	LDW-T2-M-SC-EM-comp-6	LDW-T3-M-SC-EM-comp-1	LDW-T3-M-SC-EM-comp-2	LDW-T3-M-SC-EM-comp-3
4-Nitroaniline	580 U	570 U	580 U	2,900 U	2,900 U	2,900 U	2,900 U	5,800 U	5,700 U	5,800 U	5,800 U	5,700 U
4-Nitrophenol	580 U	570 U	580 U	5,800 U	5,700 U	5,700 U	5,800 U	5,800 U	5,700 U	5,800 U	5,800 U	5,700 U
Aniline	1,200 U	1,200 U	1,200 U	12,000 U	12,000 U	12,000 U	12,000 U	12,000 U	12,000 U	12,000 U	12,000 U	12,000 U
Benzidine	R ^a	R ^a	R ^a	R ^a	R ^a	R ^a	R ^a	R ^a	R ^a	R ^a	R ^a	R ^a
Benzoic acid	1,200 U	1,200 U	1,200 U	12,000 U	12,000 U	12,000 U	12,000 U	12,000 U	12,000 U	12,000 U	12,000 U	12,000 U
Benzyl alcohol	12 J	120 U	120 U	580 U	570 U	570 U	580 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U
bis(2-chloroethoxy)methane	290 U	290 U	290 U	580 U	570 U	570 U	580 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U
bis(2-chloroethyl)ether	120 U	120 U	120 U	580 U	570 U	570 U	580 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U
bis(2-chloroisopropyl)ether	58 U	57 U	58 U	580 U	570 U	570 U	580 U	580 U	570 U	580 U	580 U	570 U
Carbazole	290 U	290 U	290 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U	2,900 U
Hexachlorobenzene	1.5 U	1.5 U	1.5 U	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 U
Hexachlorobutadiene	58 U	57 U	58 U	580 U	570 U	570 U	580 U	580 U	570 U	580 U	580 U	570 U
Hexachlorocyclopentadiene	7,200 U	7,200 U	7,200 U	72,000 U	72,000 U	72,000 U	72,000 U	72,000 U	72,000 U	72,000 U	72,000 U	72,000 U
Hexachloroethane	58 U	57 U	58 U	580 U	570 U	570 U	580 U	580 U	570 U	580 U	580 U	570 U
Isophorone	58 U	57 U	58 U	580 U	570 U	570 U	580 U	580 U	570 U	580 U	580 U	570 U
Nitrobenzene	58 U	57 U	58 U	580 U	570 U	570 U	580 U	580 U	570 U	580 U	580 U	570 U
N-Nitrosodimethylamine	1,200 U	1,200 U	1,200 U	2,900 U	2,900 U	2,900 U	2,900 U	12,000 U	12,000 U	12,000 U	12,000 U	12,000 U
N-Nitroso-di-n-propylamine	58 U	57 U	58 U	580 U	570 U	570 U	580 U	580 U	570 U	580 U	580 U	570 U
N-Nitrosodiphenylamine	58 U	57 U	58 U	580 U	570 U	570 U	580 U	580 U	570 U	580 U	580 U	570 U
Pentachlorophenol	580 U	570 U	580 U	5,800 U	5,700 U	5,700 U	5,800 U	5,800 U	5,700 U	5,800 U	5,800 U	5,700 U
Phenol	43 J	150 U	150 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U	1,500 U

^a Rejected because of extremely low (<10%) recovery in laboratory control samples

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Table A5-12. Other SVOC concentrations (µg/kg ww) in slender crab hepatopancreas samples – Areas T1 through T3

ANALYTE	LDW-T1-M-SC-HP-comp-1	LDW-T2-M-SC-HP-comp-1	LDW-T2-M-SC-HP-comp-2	LDW-T3-M-SC-HP-comp-1
1,2,4-Trichlorobenzene	570 U	580 U	580 U	570 U
1,2-Dichlorobenzene	570 U	580 U	580 U	570 U
1,3-Dichlorobenzene	570 U	580 U	580 U	570 U
1,4-Dichlorobenzene	570 U	580 U	580 U	570 U
2,4,5-Trichlorophenol	1,200 U	2,900 U	2,900 U	2,900 U
2,4,6-Trichlorophenol	1,200 U	2,900 U	2,900 U	2,900 U
2,4-Dichlorophenol	1,200 U	1,200 U	1,200 U	1,200 U
2,4-Dimethylphenol	1,200 U	1,200 U	1,200 U	1,200 U
2,4-Dinitrophenol	12,000 U	12,000 U	12,000 U	12,000 U
2,4-Dinitrotoluene	1,200 U	2,900 U	2,900 U	2,900 U
2,6-Dinitrotoluene	570 U	2,900 U	2,900 U	2,900 U
2-Chloronaphthalene	570 U	580 U	580 U	570 U
2-Chlorophenol	1,200 U	1,200 U	1,200 U	1,200 U
2-Methylphenol	1,200 U	1,200 U	1,200 U	1,200 U
2-Nitroaniline	2,900 U	2,900 U	2,900 U	2,900 U
2-Nitrophenol	570 U	2,900 U	2,900 U	2,900 U
3,3'-Dichlorobenzidine	29,000 U	29,000 U	29,000 U	29,000 U
3-Nitroaniline	5,700 U	5,800 U	5,800 U	5,700 U
4,6-Dinitro-o-cresol	5,700 U	5,800 U	5,800 U	5,700 U
4-Bromophenyl phenyl ether	570 U	580 U	580 U	570 U
4-Chloro-3-methylphenol	2,900 U	2,900 U	2,900 U	2,900 U
4-Chloroaniline	2,900 U	2,900 U	2,900 U	2,900 U
4-Chlorophenyl phenyl ether	570 U	580 U	580 U	570 U
4-Methylphenol	1,200 U	1,200 U	1,200 U	1,200 U

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

ANALYTE	LDW-T1-M-SC-HP-comp-1	LDW-T2-M-SC-HP-comp-1	LDW-T2-M-SC-HP-comp-2	LDW-T3-M-SC-HP-comp-1
4-Nitroaniline	2,900 U	5,800 U	5,800 U	5,700 U
4-Nitrophenol	5,700 U	5,800 U	5,800 U	5,700 U
Aniline	12,000 U	12,000 U	12,000 U	12,000 U
Benzidine	R ^a	R ^a	R ^a	R ^a
Benzoic acid	12,000 U	12,000 U	12,000 U	12,000 U
Benzyl alcohol	570 U	1,200 U	1,200 U	1,200 U
bis(2-chloroethoxy)methane	570 U	2,900 U	2,900 U	2,900 U
bis(2-chloroethyl)ether	570 U	1,200 U	1,200 U	1,200 U
bis(2-chloroisopropyl)ether	570 U	580 U	580 U	570 U
Carbazole	2,900 U	2,900 U	2,900 U	2,900 U
Hexachlorobenzene	1.5 UJ	1.5 UJ	1.5 UJ	1.5 U
Hexachlorobutadiene	570 U	580 U	580 U	570 U
Hexachlorocyclopentadiene	72,000 U	72,000 U	72,000 U	72,000 U
Hexachloroethane	570 U	580 U	580 U	570 U
Isophorone	570 U	580 U	580 U	570 U
Nitrobenzene	570 U	580 U	580 U	570 U
N-Nitrosodimethylamine	2,900 U	12,000 U	12,000 U	12,000 U
N-Nitroso-di-n-propylamine	570 U	580 U	580 U	570 U
N-Nitrosodiphenylamine	570 U	580 U	580 U	570 U
Pentachlorophenol	5,700 U	5,800 U	5,800 U	5,700 U
Phenol	1,500 U	1,500 U	1,500 U	1,500 U

^a Rejected because of extremely low (<10%) recovery in laboratory control samples

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

A.6 Polychlorinated Biphenyls (PCBs)

Table A6-1. PCB concentrations (µg/kg ww) in English sole whole body tissue samples – Areas T1 and T2

ANALYTE	LDW-T1-M-ES-WB-comp-1	LDW-T1-M-ES-WB-comp-2	LDW-T1-M-ES-WB-comp-3	LDW-T1-M-ES-WB-comp-4	LDW-T1-M-ES-WB-comp-5	LDW-T1-M-ES-WB-comp-6	LDW-T2-M-ES-WB-comp-1	LDW-T2-M-ES-WB-comp-2	LDW-T2-M-ES-WB-comp-3	LDW-T2-M-ES-WB-comp-4	LDW-T2-M-ES-WB-comp-5	LDW-T2-M-ES-WB-comp-6
Aroclor-1016	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	150 U	150 U	150 U
Aroclor-1221	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	290 U	290 U	290 U
Aroclor-1232	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	150 U	150 U	150 U
Aroclor-1242	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	150 U	150 U	150 U
Aroclor-1248	510	640	900	980	540	1,200	840	790	790 J	770	820	690
Aroclor-1254	1,100	1,300	1,700	1,700	1,300	1,900	1,700	1,700	1,800	1,500	1,600	1,400
Aroclor-1260	1,100	1,100	1,600	1,500	1,300	1,600	1,700	1,400	1,600	1,300	1,500	1,200
PCBs (total calc'd)	2,700	3,000	4,200	4,200	3,100	4,700	4,200	3,900	4,200 J	3,600	3,900	3,300

Table A6-2. PCB concentrations (µg/kg ww) in English sole whole body tissue samples – Areas T3 and T4

ANALYTE	LDW-T3-M-ES-WB-comp-1	LDW-T3-M-ES-WB-comp-2	LDW-T3-M-ES-WB-comp-3	LDW-T3-M-ES-WB-comp-4	LDW-T3-M-ES-WB-comp-5	LDW-T3-M-ES-WB-comp-6	LDW-T4-M-ES-WB-comp-1	LDW-T4-M-ES-WB-comp-2	LDW-T4-M-ES-WB-comp-3
Aroclor-1016	150 U	15 U	<i>150 U</i>	15 U	15 U	150 U	15 U	<i>10 U</i>	15 U
Aroclor-1221	290 U	29 U	<i>290 U</i>	29 U	29 U	290 U	29 U	<i>20 U</i>	29 U
Aroclor-1232	150 U	15 U	<i>150 U</i>	15 U	15 U	150 U	15 U	<i>10 U</i>	15 U
Aroclor-1242	150 U	15 U	<i>150 U</i>	15 U	15 U	150 U	15 U	<i>10 U</i>	15 U
Aroclor-1248	630	280	<i>690</i>	250	230	480	340	<i>320</i>	310
Aroclor-1254	1,500	750	<i>1,700</i>	710	530	1,100	750	<i>690</i>	690
Aroclor-1260	1,400	840	<i>1,900</i>	760	560	1,100	710	<i>650</i>	640
PCBs (total calc'd)	3,500	1,870	<i>4,300</i>	1,720	1,320	2,700	1,800	<i>1,660</i>	1,640

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Methods for calculating total PCBs are presented in Appendix C.

Table A6-3. PCB concentrations (µg/kg ww) in English sole fillet tissue samples – Areas T1 through T4

ANALYTE	LDW-T1-M-ES-FL-comp-1	LDW-T1-M-ES-FL-comp-2	LDW-T2-M-ES-FL-comp-1	LDW-T2-M-ES-FL-comp-2	LDW-T3-M-ES-FL-comp-1	LDW-T3-M-ES-FL-comp-2	LDW-T4-M-ES-FL-comp-1
Aroclor-1016	15 U	15 U	15 U	15 U	15 U	10 U	15 U
Aroclor-1221	29 U	29 U	29 U	29 U	29 U	20 U	29 U
Aroclor-1232	15 U	15 U	15 U	15 U	15 U	10 U	15 U
Aroclor-1242	15 U	15 U	15 U	15 U	15 U	10 U	15 U
Aroclor-1248	320	280	380	350	140	310	140
Aroclor-1254	630	510	820	740	350	680	290
Aroclor-1260	650	540	810	750	360	650	280
PCBs (total calc'd)	1,600	1,330	2,010	1,840	850	1,640	710

Table A6-4. PCB concentrations (µg/kg ww) in starry flounder whole body and fillet tissue samples – Area T4

ANALYTE	WHOLE BODY			FILLET
	LDW-T4-M-SF-WB-comp-1	LDW-T4-M-SF-WB-comp-2	LDW-T4-M-SF-WB-comp-3	LDW-T4-M-SF-FL-comp-1
Aroclor-1016	15 U	15 U	15 U	15 U
Aroclor-1221	29 U	29 U	29 U	29 U
Aroclor-1232	15 U	15 U	15 U	15 U
Aroclor-1242	15 U	15 U	15 U	15 U
Aroclor-1248	120	96	110	98
Aroclor-1254	250	170	240	170
Aroclor-1260	290	180	250	180
PCBs (total calc'd)	660	450	600	450

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Methods for calculating total PCBs are presented in Appendix C.

Table A6-5. PCB concentrations (µg/kg ww) in Pacific staghorn sculpin whole body tissue samples – Areas T1 and T2

ANALYTE	LDW-T1-A-PS-WB-comp-1	LDW-T1-B-PS-WB-comp-1	LDW-T1-C-PS-WB-comp-1	LDW-T1-D-PS-WB-comp-1	LDW-T1-E-PS-WB-comp-1	LDW-T1-F-PS-WB-comp-1	LDW-T2-A-PS-WB-comp-1	LDW-T2-B-PS-WB-comp-1	LDW-T2-C-PS-WB-comp-1	LDW-T2-D-PS-WB-comp-1	LDW-T2-E-PS-WB-comp-1	LDW-T2-F-PS-WB-comp-1
Aroclor-1016	10 U	10 U	10 U	10 U	10 U	10 U	<i>10 U</i>	10 U	10 U	10 U	10 U	10 U
Aroclor-1221	20 U	20 U	20 U	20 U	20 U	20 U	<i>20 U</i>	20 U	20 U	20 U	20 U	20 U
Aroclor-1232	10 U	10 U	10 U	10 U	10 U	10 U	<i>10 U</i>	10 U	10 U	10 U	10 U	10 U
Aroclor-1242	10 U	10 U	10 U	10 U	10 U	10 U	<i>10 U</i>	10 U	10 U	10 U	10 U	10 U
Aroclor-1248	100	110 J	110 J	130	140	150	<i>120</i>	130	120 J	120	210	130
Aroclor-1254	230	240	300	290	310	340	<i>250</i>	280	260	270	520	290
Aroclor-1260	250	270	340	330	340	370	<i>250</i>	300	280	270	530	300
PCBs (total calc'd)	580	620 J	750 J	750	790	860	<i>620</i>	710	660 J	660	1,260	720

Table A6-6. PCB concentrations (µg/kg ww) in Pacific staghorn sculpin whole body tissue samples – Areas T3 and T4

ANALYTE	LDW-T3-A-PS-WB-comp-1	LDW-T3-B-PS-WB-comp-1	LDW-T3-C-PS-WB-comp-1	LDW-T3-D-PS-WB-comp-1	LDW-T3-E-PS-WB-comp-1	LDW-T3-F-PS-WB-comp-1	LDW-T4-A-PS-WB-comp-1	LDW-T4-B-PS-WB-comp-1	LDW-T4-C-PS-WB-comp-1	LDW-T4-D-PS-WB-comp-1	LDW-T4-D-PS-WB-comp-2	LDW-T4-E-PS-WB-comp-1
Aroclor-1016	10 U	100 U	10 U	100 U	100 U	100 U	10 U	10 U	10 U	<i>10 U</i>	10 U	10 U
Aroclor-1221	20 U	200 U	20 U	200 U	200 U	200 U	20 U	20 U	20 U	<i>20 U</i>	20 U	20 U
Aroclor-1232	10 U	100 U	10 U	100 U	100 U	100 U	10 U	10 U	10 U	<i>10 U</i>	10 U	10 U
Aroclor-1242	10 U	100 U	10 U	100 U	100 U	100 U	10 U	10 U	10 U	<i>10 U</i>	10 U	10 U
Aroclor-1248	110	100 U	100	270	100 U	220	110	120	68	<i>230</i>	120	130
Aroclor-1254	300	520	300	880	400	760	260	310	190	<i>510</i>	270	270
Aroclor-1260	420	700	410	1,600	780	1,300	290	350	250	<i>590</i>	320	270
PCBs (total calc'd)	830	1,220	810	2,800	1,180	2,300	660	780	510	<i>1,330</i>	710	670

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Methods for calculating total PCBs are presented in Appendix C.

Table A6-7. PCB concentrations (µg/kg ww) in shiner surfperch whole body tissue samples – Areas T1 and T2

ANALYTE	LDW-T1-A-SS-WB-comp-1	LDW-T1-B-SS-WB-comp-1	LDW-T1-C-SS-WB-comp-1	LDW-T1-D-SS-WB-comp-1	LDW-T1-E-SS-WB-comp-1	LDW-T1-F-SS-WB-comp-1	LDW-T2-A-SS-WB-comp-1	LDW-T2-B-SS-WB-comp-1	LDW-T2-C-SS-WB-comp-1	LDW-T2-D-SS-WB-comp-1	LDW-T2-E-SS-WB-comp-1	LDW-T2-F-SS-WB-comp-1
Aroclor-1016	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	150 U	15 U
Aroclor-1221	29 U	29 U	29 U	29 U	29 U	29 U	29 U	29 U	29 U	29 U	290 U	29 U
Aroclor-1232	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	150 U	15 U
Aroclor-1242	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	150 U	15 U
Aroclor-1248	190	190	250	320	170	260	260	240	180	250	4,400	250
Aroclor-1254	390	450 J	670	720	510	600	630	670	510	600	7,600	660
Aroclor-1260	390	480	750	790	590	600	700	660	570	600	6,400 J	710
PCBs (total calc'd)	970	1,120 J	1,670	1,830	1,270	1,460	1,590	1,570	1,260	1,450	18,400 J	1,620

Table A6-8. PCB concentrations (µg/kg ww) in shiner surfperch whole body tissue samples – Areas T3 and T4

ANALYTE	LDW-T3-A-SS-WB-comp-1	LDW-T3-B-SS-WB-comp-1	LDW-T3-C-SS-WB-comp-1	LDW-T3-D-SS-WB-comp-1	LDW-T3-E-SS-WB-comp-1	LDW-T3-F-SS-WB-comp-1	LDW-T4-A-SS-WB-comp-1	LDW-T4-B-SS-WB-comp-1	LDW-T4-B-SS-WB-comp-2	LDW-T4-C-SS-WB-comp-1	LDW-T4-C-SS-WB-comp-2	LDW-T4-D-SS-WB-comp-1
Aroclor-1016	15 U	150 U	15 U	150 U	150 U	150 U	15 U	15 U	15 U	15 U	15 U	15 U
Aroclor-1221	29 U	290 U	29 U	290 U	290 U	290 U	29 U	29 U	29 U	29 U	29 U	29 U
Aroclor-1232	15 U	150 U	15 U	150 U	150 U	150 U	15 U	15 U	15 U	15 U	15 U	15 U
Aroclor-1242	15 U	150 U	15 U	150 U	150 U	150 U	15 U	15 U	15 U	15 U	15 U	15 U
Aroclor-1248	170	350	190	300	240	440	130	170	160	180	130	110
Aroclor-1254	500	920	550	860	1,500	1,600	240	360	340	360	250	250
Aroclor-1260	610	1,300	670	2,800	7,100	2,900	270	430	380	380	280	350
PCBs (total calc'd)	1,280	2,600	1,410	4,000	8,800	4,900	640	960	880	920	660	710

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Methods for calculating total PCBs are presented in Appendix C.

Table A6-9. PCB concentrations (µg/kg ww) in striped and pile perch fillet samples – Area T1

ANALYTE	PILE PERCH FILLET	STRIPED PERCH FILLET
	LDW-M-M-PP-FL-comp-1	LDW-M-M-SP-FL-comp-1
Aroclor-1016	15 U	15 U
Aroclor-1221	29 U	29 U
Aroclor-1232	15 U	15 U
Aroclor-1242	15 U	15 U
Aroclor-1248	59	98
Aroclor-1254	120	220
Aroclor-1260	120	310
PCBs (total calc'd)	300	630

Table A6-10. PCB concentrations (µg/kg ww) in Dungeness crab edible meat and hepatopancreas samples – Areas T1, T3, and T4

ANALYTE	EDIBLE MEAT							HEPATOPANCREAS		
	LDW-T1-M-DC-EM-comp-1	LDW-T1-M-DC-EM-comp-2	LDW-T1-M-DC-EM-comp-3	LDW-T3-M-DC-EM-comp-1	LDW-T3-M-DC-EM-comp-2	LDW-T3-M-DC-EM-comp-3	LDW-T4-M-DC-EM-comp-1	LDW-T1-M-DC-HP-comp-1	LDW-T3-M-DC-HP-comp-1	LDW-T4-M-DC-HP-comp-1
Aroclor-1016	<i>15 U</i>	15 U	15 U	15 U	15 U	15 U	<i>15 U</i>	150 U	150 U	150 U
Aroclor-1221	<i>29 U</i>	29 U	29 U	29 U	29 U	29 U	<i>29 U</i>	290 U	290 U	290 U
Aroclor-1232	<i>15 U</i>	15 U	15 U	15 U	15 U	15 U	<i>15 U</i>	150 U	150 U	150 U
Aroclor-1242	<i>15 U</i>	15 U	15 U	15 U	15 U	15 U	<i>15 U</i>	150 U	150 U	150 U
Aroclor-1248	<i>40 J</i>	61	67	66	63	58	<i>15 U</i>	600	620	620
Aroclor-1254	<i>83</i>	78 J	110	83	120	76	<i>120 J</i>	1,600	1,800	1,800
Aroclor-1260	<i>84</i>	67	110	77	120	78	<i>120</i>	1,800	2,100	3,100
PCBs (total calc'd)	<i>207 J</i>	206 J	290	226	300	212	<i>240 J</i>	4,000	4,500	5,500

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Methods for calculating total PCBs are presented in Appendix C.

Table A6-11. PCB concentrations (µg/kg ww) in slender crab edible meat samples – Areas T1 through T3

ANALYTE	LDW-T1-M-SC-EM-comp-1	LDW-T1-M-SC-EM-comp-2	LDW-T1-M-SC-EM-comp-3	LDW-T2-M-SC-EM-comp-1	LDW-T2-M-SC-EM-comp-2	LDW-T2-M-SC-EM-comp-3	LDW-T2-M-SC-EM-comp-4	LDW-T2-M-SC-EM-comp-5	LDW-T2-M-SC-EM-comp-6	LDW-T3-M-SC-EM-comp-1	LDW-T3-M-SC-EM-comp-2	LDW-T3-M-SC-EM-comp-3
Aroclor-1016	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U
Aroclor-1221	29 U	29 U	29 U	29 U	29 U	29 U	29 U	29 U	29 U	29 U	29 U	29 U
Aroclor-1232	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U
Aroclor-1242	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U
Aroclor-1248	84	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U	15 U
Aroclor-1254	160 J	110	110 J	96	120 J	140 J	61	130 J	100 J	78	92	120
Aroclor-1260	150	110	100	84	92	120	47	98	79	68	76	100
PCBs (total calc'd)	390 J	220	210 J	180	210 J	260 J	108	230 J	180 J	146	168	220

Table A6-12. PCB concentrations (µg/kg ww) in slender crab hepatopancreas samples – Areas T1 through T3

ANALYTE	LDW-T1-M-SC-HP-comp-1	LDW-T2-M-SC-HP-comp-1	LDW-T2-M-SC-HP-comp-2	LDW-T3-M-SC-HP-comp-1
Aroclor-1016	15 U	15 U	15 U	15 U
Aroclor-1221	29 U	29 U	29 U	29 U
Aroclor-1232	15 U	15 U	15 U	15 U
Aroclor-1242	15 U	15 U	15 U	15 U
Aroclor-1248	270 J	350 J	420 J	270
Aroclor-1254	620 J	850 J	950 J	680
Aroclor-1260	600	750	820	690
PCBs (total calc'd)	1,490 J	1,950 J	2,190 J	1,640

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown; JN - analysis indicates that the result is likely affected by the presence of interfering compounds; value is an estimate; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Methods for calculating total PCBs are presented in Appendix C.

A.7 Organochlorine Pesticides

Table A7-1. Organochlorine pesticide concentrations ($\mu\text{g}/\text{kg ww}$) in English sole whole body tissue samples – Areas T1 and T2

ANALYTE	LDW-T1-M-ES-WB-comp-1	LDW-T1-M-ES-WB-comp-2	LDW-T1-M-ES-WB-comp-3	LDW-T1-M-ES-WB-comp-4	LDW-T1-M-ES-WB-comp-5	LDW-T1-M-ES-WB-comp-6	LDW-T2-M-ES-WB-comp-1	LDW-T2-M-ES-WB-comp-2	LDW-T2-M-ES-WB-comp-3	LDW-T2-M-ES-WB-comp-4	LDW-T2-M-ES-WB-comp-5	LDW-T2-M-ES-WB-comp-6
2,4'-DDD	10 U	10 U	12 U	13 U	12 U	19 U	20 U	20 U	20 U	18 U	19 U	14 U
2,4'-DDE	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	10 UJ	18 U	7.2 U	7.2 U
2,4'-DDT	60 JN	63 JN	83 JN	94 JN	85 JN	110 JN	120 JN	120 JN	130 JN	110 JN	90 JN	69 JN
4,4'-DDD	6.7 JN	7.8 JN	11 JN	12 JN	10 JN	20 JN	17 JN	14 JN	16 JN	18 JN	14 JN	12 JN
4,4'-DDE	7.7 JN	9.2 JN	12 UJ	14 UJ	9.9 JN	18 JN	18 JN	18 JN	19 JN	19 JN	20 JN	14 JN
4,4'-DDT	52 JN	53 JN	70 JN	84 JN	68 JN	98 JN	96 JN	92 JN	110 JN	91 JN	77 JN	62 JN
DDTs (total-calc'd)	126 JN	133 JN	164 JN	190 JN	173 JN	250 JN	250 JN	240 JN	280 JN	240 JN	201 JN	157 JN
Aldrin	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	7.2 U	7.2 U	7.2 U
alpha-BHC	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	7.2 U	7.2 U	7.2 U
alpha-Chlordane	10 U	10 U	3.8 JN	4.7 JN	10 U	6.6 JN	10 UJ	5.7 JN	10 UJ	6.5 JN	5.8 JN	4.6 JN
alpha-Endosulfan	2.9 JN	10 U	5.6 JN	6.6 JN	10 U	10 U	10 UJ	6.4 JN	10 UJ	3.5 JN	3.6 JN	7.2 U
beta-BHC	4.5 JN	10 U	10 U	4.5 JN	10 U	10 U	5.7 JN	8.4 JN	10 U	4.7 JN	7.2 UJ	7.6 JN
beta-Endosulfan	10 U	10 U	10 U	10 U	18 JN	10 U	10 U	10 U	10 U	7.2 U	7.2 U	7.2 U
delta-BHC	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	7.2 U	7.2 U	7.2 U
Dieldrin	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	10 UJ	7.2 U	7.2 U	7.2 U
Endosulfan sulfate	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	7.2 U	7.2 U	7.2 U
Endrin	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 U	10 U	10 U	7.2 U	7.2 U	7.2 U
Endrin aldehyde	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	7.2 U	7.2 U	5.5 JN
Endrin ketone	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 UJ	10 UJ	7.2 U	7.2 U	7.2 U
gamma-BHC	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	2.3 JN	7.2 U	7.2 U
gamma-Chlordane	24 JN	27 JN	37 JN	40 JN	33 JN	56 U	51 JN	53 JN	51 JN	49 JN	44 JN	33
Heptachlor	10 U	10 U	10 U	6.8 JN	10 U	10 U	10 U	10 U	10 U	7.2 U	7.2 U	7.2 U
Heptachlor epoxide	10 U	23 JN	31 JN	37 JN	23 JN	45 JN	38 JN	36 JN	32 JN	12 JN	7.2 U	7.2 U
Methoxychlor	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 U	10 U	10 U	7.2 U	7.2 U	7.2 U
Mirex	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	7.2 U	7.2 U	7.2 U
Toxaphene	710 UJ	750 UJ	900 UJ	1,100 UJ	900 UJ	1,300 UJ	1,500 UJ	1,300 UJ	1,600 UJ	1,700 U	1,400 U	990 U

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown;; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Methods for calculating total DDTs are presented in Appendix C.

Table A7-2. Organochlorine pesticide concentrations (µg/kg ww) in English sole whole body tissue samples – Areas T3 and T4

ANALYTE	LDW-T3-M-ES-WB-comp-1	LDW-T3-M-ES-WB-comp-2	LDW-T3-M-ES-WB-comp-3	LDW-T3-M-ES-WB-comp-4	LDW-T3-M-ES-WB-comp-5	LDW-T3-M-ES-WB-comp-6	LDW-T4-M-ES-WB-comp-1	LDW-T4-M-ES-WB-comp-2	LDW-T4-M-ES-WB-comp-3
2,4'-DDD	88 U	9.6 U	<i>18 U</i>	11 U	7.3 U	16 U	12 U	<i>6.2 U</i>	9.9 U
2,4'-DDE	7.2 U	7.2 U	<i>7.2 U</i>	7.2 U	7.2 U	7.2 U	7.2 U	<i>2.9 UJ</i>	7.2 U
2,4'-DDT	85 JN	62 JN	<i>120 JN</i>	74 JN	54 JN	96 JN	79 JN	<i>58 JN</i>	74 JN
4,4'-DDD	11 JN	7.7 JN	<i>10 JN</i>	7.5 JN	7.0 JN	12 JN	11 JN	<i>8.1 JN</i>	8.5 JN
4,4'-DDE	12 JN	10 JN	<i>13 JN</i>	12 JN	10 JN	15 JN	11 JN	<i>12 JN</i>	11 JN
4,4'-DDT	71 JN	60 JN	<i>99 JN</i>	68 JN	42 JN	78 JN	59 JN	<i>47 JN</i>	52 J
DDTs (total-calc'd)	179 JN	140 JN	<i>240 JN</i>	162 JN	113 JN	201 JN	160 JN	<i>125 JN</i>	146 JN
Aldrin	7.2 U	7.2 U	<i>7.2 U</i>	7.2 U	7.2 U	7.2 U	7.2 U	<i>6.2 JN</i>	7.2 U
alpha-BHC	7.2 U	7.2 U	<i>7.2 U</i>	7.2 U	7.2 U	7.2 U	7.2 U	<i>1.0 U</i>	7.2 U
alpha-Chlordane	7.2 U	7.2 U	<i>7.2 U</i>	7.2 U	7.2 U	7.2 U	7.2 U	<i>1.0 UJ</i>	7.2 U
alpha-Endosulfan	2.7 JN	3.2 JN	<i>3.9 JN</i>	2.2 JN	7.2 U	2.5 JN	7.2 U	<i>3.3 JN</i>	2.1 JN
beta-BHC	7.2 UJ	5.6 JN	<i>7.2 UJ</i>	7.2 UJ	7.2 UJ	7.2 UJ	7.2 UJ	<i>4.0 JN</i>	7.2 UJ
beta-Endosulfan	7.2 U	6.5 JN	<i>12 JN</i>	7.2 U	7.2 U	7.2 U	7.2 U	<i>9.8 JN</i>	7.2 U
delta-BHC	7.2 U	7.2 U	<i>7.2 U</i>	7.2 U	7.2 U	7.2 U	7.2 U	<i>1.0 U</i>	7.2 U
Dieldrin	7.2 U	7.2 U	<i>7.2 U</i>	7.2 U	7.2 U	7.2 U	7.2 U	<i>2.0 U</i>	7.2 U
Endosulfan sulfate	7.2 U	7.2 U	<i>7.2 U</i>	7.2 U	7.2 U	7.2 U	7.2 U	<i>1.0 U</i>	7.2 U
Endrin	7.2 U	7.2 U	<i>7.2 U</i>	12 U	2.8 JN	14 JN	7.2 U	<i>1.7 U</i>	7.2 U
Endrin aldehyde	7.2 U	7.2 U	<i>7.2 U</i>	7.2 U	7.2 U	7.2 U	7.2 U	<i>1.3 U</i>	7.2 U
Endrin ketone	7.2 U	7.2 U	<i>7.2 U</i>	7.2 U	7.2 U	7.2 U	7.2 U	<i>1.9 UJ</i>	7.2 U
gamma-BHC	7.2 U	7.2 U	<i>7.2 U</i>	7.2 U	7.2 U	7.2 U	7.2 U	<i>4.3 JN</i>	7.2 U
gamma-Chlordane	39 JN	29 JN	<i>50 JN</i>	30 JN	22 JN	41 JN	33 JN	<i>23 JN</i>	29 JN
Heptachlor	7.2 U	7.2 U	<i>7.2 U</i>	7.2 U	7.2 U	7.2 U	7.2 U	<i>1.0 U</i>	5.7 JN
Heptachlor epoxide	7.2 U	7.2 U	<i>7.2 U</i>	20 JN	7.2 U	7.2 U	7.2 U	<i>20 JN</i>	19 JN
Methoxychlor	7.2 U	7.2 U	<i>7.2 U</i>	7.2 U	7.2 U	23 U	7.2 U	<i>1.0 U</i>	7.2 U
Mirex	7.2 U	7.2 U	<i>7.2 U</i>	7.2 U	7.2 U	7.2 U	7.2 U	<i>1.0 UJ</i>	7.2 U
Toxaphene	1,300 U	910 U	<i>1,800 U</i>	1,200 U	860 U	1,200 U	880 U	<i>370 UJ</i>	770 U

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown;; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Methods for calculating total DDTs are presented in Appendix C.

Table A7-3. Organochlorine pesticide concentrations ($\mu\text{g}/\text{kg}$ ww) in English sole fillet tissue samples – Areas T1 through T4

ANALYTE	LDW-T1- M-ES-FL- comp-1	LDW-T1- M-ES-FL- comp-2	LDW-T2- M-ES-FL- comp-1	LDW-T2- M-ES-FL- comp-2	LDW-T3- M-ES-FL- comp-1	LDW-T3- M-ES-FL- comp-2	LDW-T4- M-ES-FL- comp-1
2,4'-DDD	7.2 U	7.2 U	7.8 U	7.2 U	7.2 U	3.8 U	7.2 U
2,4'-DDE	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	1.0 U	7.2 U
2,4'-DDT	42 JN	37 JN	50 JN	45 JN	32 JN	46 JN	20 JN
4,4'-DDD	4.7 JN	4.1 JN	5.8 JN	5.8 JN	2.5 JN	6.6 JN	2.3 JN
4,4'-DDE	7.2 UJ	7.2 UJ	12 JN	7.8 JN	4.0 JN	4.3 UJ	2.6 JN
4,4'-DDT	28 JN	25 JN	35 JN	33 JN	20 JN	40 JN	12 JN
DDTs (total-calc'd)	75 JN	66 JN	103 JN	92 JN	59 JN	93 JN	37 JN
Aldrin	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	1.0 U	7.2 U
alpha-BHC	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	0.38 JN	7.2 U
alpha-Chlordane	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	0.60 JN	7.2 U
alpha-Endosulfan	1.9 JN	1.7 JN	2.9 JN	7.2 U	7.2 U	4.4 JN	7.2 U
beta-BHC	7.2 UJ	7.2 UJ	7.2 UJ	1.6 JN	7.2 UJ	2.2 JN	7.2 UJ
beta-Endosulfan	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	6.9 JN	7.2 U
delta-BHC	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	1.0 U	7.2 U
Dieldrin	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	5.0 U	7.2 U
Endosulfan sulfate	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	1.0 U	7.2 U
Endrin	7.2 UJ	7.2 UJ	7.2 UJ	7.2 UJ	7.2 UJ	1.0 UJ	7.2 UJ
Endrin aldehyde	7.2 U	7.2 U	8.1 JN	7.2 U	7.2 U	1.6 U	7.2 U
Endrin ketone	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	1.5 U	7.2 U
gamma-BHC	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	1.0 U	7.2 U
gamma-Chlordane	18 JN	16 JN	28 JN	23 JN	14 JN	22 JN	10 JN
Heptachlor	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	1.0 U	7.2 U
Heptachlor epoxide	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	2.9 U	7.2 U
Methoxychlor	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	1.0 UJ	7.2 U
Mirex	7.2 UJ	7.2 UJ	7.2 UJ	7.2 UJ	7.2 UJ	1.0 UJ	7.2 UJ
Toxaphene	360 UJ	360 UJ	440 UJ	420 UJ	360 UJ	310 UJ	360 UJ

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown;; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Methods for calculating total DDTs are presented in Appendix C.

Table A7-4. Organochlorine pesticide concentrations (µg/kg ww) in starry flounder whole body and fillet tissue samples – Area T4

ANALYTE	WHOLE BODY			FILLET
	LDW-T4-M-SF-WB-comp-1	LDW-T4-M-SF-WB-comp-2	LDW-T4-M-SF-WB-comp-3	LDW-T4-M-SF-FL-comp-1
2,4'-DDD	7.2 U	7.2 U	7.2 U	7.2 U
2,4'-DDE	7.2 U	7.2 U	5.1 JN	7.2 U
2,4'-DDT	40 JN	23 JN	31 JN	31 JN
4,4'-DDD	4.4 JN	3.4 JN	4.1 JN	3.0 JN
4,4'-DDE	8.3 JN	6.7 JN	8.6 JN	5.9 JN
4,4'-DDT	27 JN	18 JN	25 JN	18 JN
DDTs (total-calc'd)	80 JN	51 JN	74 JN	58 JN
Aldrin	7.2 U	7.2 U	7.2 U	7.2 U
alpha-BHC	7.2 U	7.2 U	7.2 U	7.2 U
alpha-Chlordane	7.2 U	7.2 U	7.2 U	7.2 U
alpha-Endosulfan	7.2 U	7.2 U	7.2 U	7.2 U
beta-BHC	7.2 UJ	4.0 JN	7.2 UJ	7.2 UJ
beta-Endosulfan	7.2 U	7.2 U	7.2 U	7.2 U
delta-BHC	7.2 U	7.2 U	7.2 U	7.2 U
Dieldrin	7.2 U	7.2 U	7.2 U	7.2 U
Endosulfan sulfate	7.2 U	7.2 U	7.2 U	7.2 U
Endrin	2.8 JN	0.86 JN	7.2 U	1.0 JN
Endrin aldehyde	7.1 JN	7.2 U	7.2 U	7.2 U
Endrin ketone	7.2 U	7.2 U	7.2 U	7.2 U
gamma-BHC	7.2 U	7.2 U	7.2 U	7.2 U
gamma-Chlordane	11 JN	6.3 JN	7.7 JN	6.2 JN
Heptachlor	7.2 U	7.2 U	7.2 U	7.2 U
Heptachlor epoxide	7.9 JN	7.2 U	7.2 U	7.2 U
Methoxychlor	7.2 U	7.2 U	7.2 U	7.2 U
Mirex	7.2 U	7.2 U	7.2 U	7.2 U
Toxaphene	360 U	360 U	360 U	360 U

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown;; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Methods for calculating total DDTs are presented in Appendix C.

Table A7-5. Organochlorine pesticide concentrations (µg/kg ww) in Pacific staghorn sculpin whole body tissue samples – Areas T1 and T2

ANALYTE	LDW-T1-A-PS-WB-comp-1	LDW-T1-B-PS-WB-comp-1	LDW-T1-C-PS-WB-comp-1	LDW-T1-D-PS-WB-comp-1	LDW-T1-E-PS-WB-comp-1	LDW-T1-F-PS-WB-comp-1	LDW-T2-A-PS-WB-comp-1	LDW-T2-B-PS-WB-comp-1	LDW-T2-C-PS-WB-comp-1	LDW-T2-D-PS-WB-comp-1	LDW-T2-E-PS-WB-comp-1	LDW-T2-F-PS-WB-comp-1
2,4'-DDD	2.4 UJ	2.9 UJ	4.6 UJ	3.8 UJ	4.7 UJ	4.5 UJ	3.2 U	3.0 U	2.6 U	3.1 U	6.6 U	3.4 U
2,4'-DDE	1.8 UJ	1.9 UJ	1.1 UJ	4.0 UJ	1.7 UJ	1.8 UJ	1.4 U	1.8 U	1.0 U	1.1 U	1.0 U	1.0 U
2,4'-DDT	19 JN	21 JN	35 JN	31 JN	33 JN	37 JN	23 JN	26 JN	23 JN	24 JN	58 JN	28 JN
4,4'-DDD	2.0 JN	2.0 JN	2.1 JN	2.8 JN	2.1 JN	2.6 JN	2.5 JN	2.6 JN	1.9 JN	2.1 JN	7.3 JN	2.1 JN
4,4'-DDE	4.3 JN	3.9 JN	4.5 JN	5.2 JN	4.6 JN	6.9 JN	4.4 JN	4.1 JN	3.8 JN	3.4 JN	29 JN	6.1 JN
4,4'-DDT	12 JN	11 JN	22 JN	20 JN	21 JN	25 JN	14 JN	20 U	15 JN	15 JN	46 JN	15 JN
DDTs (total-calc'd)	37 JN	38 JN	64 JN	59 JN	61 JN	72 JN	44 JN	33 JN	44 JN	45 JN	140 JN	51 JN
Aldrin	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
alpha-BHC	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.20 JN	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
alpha-Chlordane	1.0 U	1.0 U	1.0 U	1.2 JN	1.3 JN	1.8 JN	1.1	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
alpha-Endosulfan	1.3 JN	1.1 JN	1.5 JN	1.5 JN	1.1 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
beta-BHC	1.0 UJ	0.27 JN	1.0 UJ	0.57 JN	0.42 JN	0.32 JN	1.0 U	1.0 UJ	1.0 JN	1.0 UJ	1.0 UJ	1.0 UJ
beta-Endosulfan	4.7 JN	1.1 U	6.4 JN	2.0 U	1.9 U	1.4 U	6.1 JN	1.8 U	5.7 JN	1.1 U	13 U	1.4 U
delta-BHC	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dieldrin	1.0 U	1.0 U	1.9 U	1.0 U	1.4 U	1.0 U	1.0 U	1.3 U	1.0 U	1.0 U	1.5 U	1.0 U
Endosulfan sulfate	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Endrin	1.0 U	1.0 U	1.6 U	2.0 U	1.0 U	1.0 U	1.2 U	1.5 U	1.1 U	1.2 U	3.3 U	1.5 U
Endrin aldehyde	1.2 JN	1.3 JN	1.0 U	1.7 U	1.8 U	1.3 U	1.4	1.7 U	1.4 U	1.7 U	3.1 U	1.8 JN
Endrin ketone	1.1 U	1.2 U	1.1 U	1.6 U	1.6 U	1.5 U	0.60 JN	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
gamma-BHC	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
gamma-Chlordane	6.2 JN	5.5 JN	8.8 JN	6.0 JN	9.6 JN	11 JN	6.5 JN	7.5 JN	6.6 JN	6.9 JN	18 JN	7.5 JN
Heptachlor	1.0 U	1.0 U	1.0 U	1.1 U	1.0 U	1.6 U	2.1 JN	1.4 U	1.0 U	1.7 U	1.0 U	1.8 U
Heptachlor epoxide	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methoxychlor	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.2 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U	1.0 U
Mirex	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toxaphene	190 U	160 U	330 U	210 U	260 U	250 U	280 U	320 U	260 U	300 U	380 U	300 U

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown;; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Methods for calculating total DDTs are presented in Appendix C.

Table A7-6. Organochlorine pesticide concentrations (µg/kg ww) in Pacific staghorn sculpin whole body tissue samples – Areas T3 and T4

ANALYTE	LDW-T3-A-PS-WB-comp-1	LDW-T3-B-PS-WB-comp-1	LDW-T3-C-PS-WB-comp-1	LDW-T3-D-PS-WB-comp-1	LDW-T3-E-PS-WB-comp-1	LDW-T3-F-PS-WB-comp-1	LDW-T4-A-PS-WB-comp-1	LDW-T4-B-PS-WB-comp-1	LDW-T4-C-PS-WB-comp-1	LDW-T4-D-PS-WB-comp-1	LDW-T4-D-PS-WB-comp-2	LDW-T4-E-PS-WB-comp-1
2,4'-DDD	4.1 U	7.1 UJ	4.9 UJ	16 U	23 JN	13 UJ	4.0 UJ	4.9 UJ	2.4 U	<i>5.6 U</i>	3.4 U	3.5 U
2,4'-DDE	1.0 U	1.1 UJ	5.0 UJ	1.0 UJ	1.0 UJ	12 UJ	1.0 UJ	1.0 UJ	1.0 U	<i>1.0 U</i>	1.0 U	1.0 U
2,4'-DDT	46 JN	75 JN	46 JN	120 JN	88 JN	110 JN	33 JN	39 JN	19 JN	<i>51 JN</i>	29 JN	24 JN
4,4'-DDD	4.0 JN	3.2 JN	2.9 JN	2.8 U	4.8 JN	2.5 JN	2.3 JN	2.5 JN	1.1 JN	<i>3.1 JN</i>	3.0 JN	2.0 JN
4,4'-DDE	5.5 JN	3.5 U	5.4 JN	5.4 U	8.5 JN	6.5 JN	4.7 JN	5.2 JN	7.3 JN	<i>5.6 U</i>	6.2 JN	5.4 JN
4,4'-DDT	30 JN	54 JN	34 JN	99 JN	63 JN	78 JN	21 JN	25 JN	24 JN	<i>53 JN</i>	32 JN	20 JN
DDTs (total-calc'd)	86 JN	132 JN	88 JN	220 JN	187 JN	200 JN	61 JN	72 JN	51 JN	<i>107 JN</i>	70 JN	51 JN
Aldrin	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	<i>1.0 U</i>	1.0 U	1.0 U
alpha-BHC	0.56 JN	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	<i>0.66</i>	1.0 U	1.0 U
alpha-Chlordane	7.3 JN	1.0 U	1.0 U	2.7 U	1.0 U	1.0 U	1.0 U	1.0 U	1.2 JN	<i>1.0 U</i>	1.7 JN	1.3 JN
alpha-Endosulfan	2.0 U	1.0 JN	1.6 JN	1.0 U	3.6 JN	10 U	1.3 U	1.6 JN	1.4 JN	<i>2.0 U</i>	2.1 JN	2.0 JN
beta-BHC	0.59 JN	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	<i>1.0 UJ</i>	2.0 UJ	0.79 JN
beta-Endosulfan	2.0 U	3.3 U	1.8 U	10 U	5.4 U	10 U	1.6 U	2.4 U	1.1 U	<i>1.9 U</i>	5.9 JN	2.3 U
delta-BHC	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	<i>1.0 U</i>	1.0 U	1.0 U
Dieldrin	1.3 U	2.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	<i>1.0 U</i>	1.0 U	0.82 JN
Endosulfan sulfate	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	<i>1.0 U</i>	1.0 U	1.0 U
Endrin	1.5 U	2.3 U	1.9 U	4.1 U	2.3 U	3.1 U	1.2 U	2.2 U	1.2 U	<i>36 JN</i>	1.8 U	1.6 U
Endrin aldehyde	1.8 U	3.8 U	2.2 U	5.3 U	2.5 U	4.2 U	1.7 U	2.0 U	1.3 JN	<i>4.8 JN</i>	1.8 U	1.5 U
Endrin ketone	1.0 U	1.1 U	3.0 U	16 U	6.4 U	12 U	1.0 U	1.0 U	1.0 U	<i>1.0 U</i>	1.4 U	1.4 U
gamma-BHC	1.0 U	5.6 JN	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	<i>1.0 U</i>	1.0 U	1.0 U
gamma-Chlordane	11 JN	14 JN	12 JN	21 JN	16 JN	27 JN	9.2 JN	11 JN	6.1 JN	<i>18 JN</i>	9.8 JN	8.7 JN
Heptachlor	1.5 U	1.0 U	1.0 U	1.1 U	1.0 U	1.9 U	1.7 U	1.1 U	1.0 U	<i>1.0 U</i>	1.2 U	2.7 JN
Heptachlor epoxide	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	<i>1.0 U</i>	1.0 U	1.0 U
Methoxychlor	2.8 U	1.0 U	4.2 U	1.0 U	1.0 U	1.0 U	1.3 U	1.6 U	1.0 U	<i>1.2 U</i>	1.3 U	1.2 U
Mirex	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	<i>1.0 U</i>	1.0 U	1.0 U
Toxaphene	250 U	410 U	280 U	1,900 U	1,100 UJ	1,500 U	220 U	250 U	170 U	<i>400 U</i>	310 U	270 U

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown;; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Methods for calculating total DDTs are presented in Appendix C.

Table A7-7. Organochlorine pesticide concentrations (µg/kg ww) in shiner surfperch whole body tissue samples – Areas T1 and T2

ANALYTE	LDW-T1-A-SS-WB-comp-1	LDW-T1-B-SS-WB-comp-1	LDW-T1-C-SS-WB-comp-1	LDW-T1-D-SS-WB-comp-1	LDW-T1-E-SS-WB-comp-1	LDW-T1-F-SS-WB-comp-1	LDW-T2-A-SS-WB-comp-1	LDW-T2-B-SS-WB-comp-1	LDW-T2-C-SS-WB-comp-1	LDW-T2-D-SS-WB-comp-1	LDW-T2-E-SS-WB-comp-1	LDW-T2-F-SS-WB-comp-1
2,4'-DDD	3.7 U	2.9 U	6.2 U	5.1 U	2.1 U	4.0 U	3.4 U	3.2 U	3.3 U	3.8 U	41 U	4.4 U
2,4'-DDE	4.5 U	3.2 JN	2.5 U	7.2 UJ	1.5 U	1.5 U	1.5 U	1.5 U	5.8 U	1.6 U	110 JN	1.5 U
2,4'-DDT	37 JN	40 JN	81 JN	88 JN	40 JN	70 JN	66 JN	64 JN	65 JN	44 JN	440 JN	75 JN
4,4'-DDD	3.8 JN	3.5 JN	6.3 JN	6.6 JN	3.8 JN	6.6 JN	6.9 JN	4.2 JN	8.5 JN	4.2 JN	4.7 U	6.4 JN
4,4'-DDE	6.9 JN	7.5 JN	12 JN	12 JN	6.4 JN	11 JN	12 JN	5.2 U	12 JN	7.7 JN	8.1 U	15 JN
4,4'-DDT	29 JN	34 JN	67 JN	72 JN	31 JN	56 JN	53 JN	62 JN	53 JN	37 JN	470 JN	59 JN
DDTs (total-calc'd)	77 JN	88 JN	166 JN	179 JN	81 JN	144 JN	138 JN	130 JN	139 JN	93 JN	1,020 JN	155 JN
Aldrin	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
alpha-BHC	1.5 U	1.5 U	1.5 U	0.46 JN	1.5 U	1.5 U	7.2 U	1.5 U	1.5 U	0.45 JN	1.5 U	1.5 U
alpha-Chlordane	2.3 JN	1.8 JN	2.2 JN	1.5 U	1.3 JN	2.0 JN	3.6 JN	1.5 U	2.8 JN	1.5 U	1.5 U	2.8 JN
alpha-Endosulfan	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	3.2 JN	7.2 U	2.7 JN	7.2 U	1.5 U	9.9 U	1.9 U
beta-BHC	7.4 JN	6.2 JN	5.1 JN	2.4 U	2.5 JN	3.0 U	4.9 JN	6.0 JN	1.5 U	2.2 U	5.1 U	4.7 U
beta-Endosulfan	8.9 JN	9.7 JN	3.6 U	3.6 U	2.6 U	3.5 U	2.4 U	3.8 U	2.5 U	2.6 U	9.0 U	16 JN
delta-BHC	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
Dieldrin	1.5 U	1.6 U	1.5 U	1.7 U	2.1 U	7.2 U	7.2 U	1.5 U	1.5 U	1.6 U	1.5 U	1.5 U
Endosulfan sulfate	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
Endrin	2.2 JN	1.6 U	7.2 U	4.0 U	3.5 U	40 JN	5.4 U	4.7 JN	2.9 JN	3.4 U	72 U	4.6 U
Endrin aldehyde	1.5 U	1.7 U	3.5 U	3.3 U	2.5 U	2.2 U	2.4 U	6.7 JN	2.6 U	2.4 U	78 JN	2.6 U
Endrin ketone	1.5 U	1.5 U	2.5 U	3.0 U	1.5 U	1.6 U	1.5 U	1.5 U	1.5 U	1.5 U	4.3 U	1.5 U
gamma-BHC	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	0.59 JN	1.5 U	1.5 U	1.5 U	1.5 U
gamma-Chlordane	12 JN	11 JN	26 JN	25 JN	11 JN	23 JN	21 JN	26 JN	19 JN	14 JN	330 JN	22 JN
Heptachlor	5.6 U	1.5 U	1.6 U	1.5 U	1.5 U	1.7 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	3.1 U
Heptachlor epoxide	1.5 U	7.8 JN	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	3.4 JN	6.0 U	3.4 U
Methoxychlor	2.6 U	3.1 U	7.2 U	3.8 U	2.6 U	2.3 U	5.2 U	2.1 U	2.3 U	3.2 U	3.8 U	2.1 U
Mirex	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ
Toxaphene	360 U	400 U	610 U	460 U	400 U	400 U	420 U	360 U	360 U	460 U	3,600 U	420 U

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown;; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Methods for calculating total DDTs are presented in Appendix C.

Table A7-8. Organochlorine pesticide concentrations (µg/kg ww) in shiner surfperch whole body tissue samples – Areas T3 and T4

ANALYTE	LDW-T3-A-SS-WB-comp-1	LDW-T3-B-SS-WB-comp-1	LDW-T3-C-SS-WB-comp-1	LDW-T3-D-SS-WB-comp-1	LDW-T3-E-SS-WB-comp-1	LDW-T3-F-SS-WB-comp-1	LDW-T4-A-SS-WB-comp-1	LDW-T4-B-SS-WB-comp-1	LDW-T4-B-SS-WB-comp-2	LDW-T4-C-SS-WB-comp-1	LDW-T4-C-SS-WB-comp-2	LDW-T4-D-SS-WB-comp-1	
2,4'-DDD	4.4 U	6.3 U	4.6 U	13 U	57 JN	13 U	1.5 U	2.0 U	3.9 U	6.1 U	4.7 U	1.8 U	
2,4'-DDE	2.6 U	15 UJ	4.8 U	1.8 U	16 U	15 UJ	1.5 U	1.5 U	1.8 U	5.3 U	2.9 U	2.2 U	
2,4'-DDT	70 JN	110 JN	74 JN	52 JN	36 JN	250 JN	23 JN	38 JN	35 JN	31 JN	18 JN	18 JN	
4,4'-DDD	6.2 JN	5.7 JN	7.4 JN	6.0 JN	2.5 JN	3.5 U	2.3 JN	3.0 JN	3.9 JN	4.6 JN	2.8 JN	1.3 JN	
4,4'-DDE	6.2 JN	12 JN	4.2 U	6.6 JN	7.6 U	7.7 U	4.4 JN	7.8 JN	6.5 JN	7.9 JN	3.7 UJ	3.9 UJ	
4,4'-DDT	53 JN	95 JN	57 JN	140 JN	470 JN	200 JN	17 JN	32 JN	25 JN	26 JN	14 JN	16 JN	
DDTs (total-calc'd)	135 JN	220 JN	138 JN	200 JN	570 JN	450 JN	47 JN	81 JN	70 JN	70 JN	35 JN	35 JN	
Aldrin	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	3.7 U	1.4 JN	1.5 U
alpha-BHC	1.5 U	1.5 U	7.2 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
alpha-Chlordane	7.2 U	1.5 U	1.8 JN	1.5 U	2.6 JN	1.5 U	1.1 JN	1.5 JN	1.8 JN	1.1 JN	0.60 JN	0.82 JN	
alpha-Endosulfan	2.6 JN	3.5 JN	4.8 JN	3.0 JN	2.0 JN	6.3 JN	2.3 JN	3.6 JN	3.7 JN	1.5 U	1.5 U	2.5 U	
beta-BHC	1.5 U	11 JN	8.9 JN	1.5 U	7.0 JN	10 JN	8.5 JN	8.4 JN	11 JN	12 JN	6.5 JN	15 JN	
beta-Endosulfan	14 JN	7.2 JN	12 JN	23 JN	11 U	44 JN	4.3 JN	4.6 JN	5.3 JN	6.3 JN	2.9 JN	2.0 JN	
delta-BHC	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	
Dieldrin	7.2 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	6.5 U	3.2 U	2.4 U
Endosulfan sulfate	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	
Endrin	4.0 U	5.0 JN	1.8 U	2.9 U	2.9 U	8.8 U	1.5 U	3.0 JN	2.5 JN	2.7 JN	1.5 UJ	2.7 UJ	
Endrin aldehyde	5.3 JN	4.7 U	1.9 U	5.7 U	3.7 U	6.5 U	1.5 U	2.3 U	1.5 U	1.7 U	1.5 U	1.5 U	
Endrin ketone	1.5 U	3.1 U	1.5 U	11 U	1.5 U	15 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	
gamma-BHC	1.5 U	1.5 JN	1.4 J	1.5 U	1.3 JN	2.6 JN	1.7 JN	2.7 JN	1.5 U	2.8 U	1.5 U	5.1 JN	
gamma-Chlordane	17 JN	33 JN	20 JN	40 JN	24 JN	52 JN	6.7 JN	10 JN	9.0 JN	10 JN	6.0 JN	4.1 JN	
Heptachlor	1.5 U	9.7 JN	1.5 U	1.5 U	2.1 U	3.9 U	5.0 U	4.4 U	6.8 U	1.5 U	1.5 U	1.5 U	
Heptachlor epoxide	2.2 U	3.6 U	2.5 U	1.5 U	2.8 U	4.7 U	2.4 U	8.7 JN	10 JN	3.1 U	6.2 JN	2.8 U	
Methoxychlor	2.0 U	2.3 U	1.6 U	2.1 U	6.0 U	3.2 U	1.5 U	2.1 U	2.8 U	2.5 UJ	1.5 UJ	5.2 UJ	
Mirex	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	
Toxaphene	360 U	720 U	410 U	1,400 U	4,800 U	950 U	230 U	390 U	330 U	360 UJ	190 UJ	200 UJ	

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown;; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Methods for calculating total DDTs are presented in Appendix C.

Table A7-9. Organochlorine pesticide concentrations (µg/kg ww) in striped and pile perch fillet samples – Area T1

ANALYTE	PILE PERCH FILLET LDW-M-M-PP-FL- comp-1	STRIPED PERCH FILLET LDW-M-M-SP-FL- comp-1
2,4'-DDD	7.2 U	7.2 U
2,4'-DDE	7.2 U	7.2 U
2,4'-DDT	6.0 JN	13 JN
4,4'-DDD	7.2 U	7.2 U
4,4'-DDE	1.0 JN	1.5 JN
4,4'-DDT	3.2 JN	11 JN
DDTs (total-calc'd)	10.2 JN	26 JN
Aldrin	7.2 U	7.2 U
alpha-BHC	7.2 U	7.2 U
alpha-Chlordane	7.2 U	7.2 U
alpha-Endosulfan	7.2 U	7.2 U
beta-BHC	7.2 UJ	7.2 UJ
beta-Endosulfan	7.2 U	7.2 U
delta-BHC	7.2 U	7.2 U
Dieldrin	7.2 U	7.2 U
Endosulfan sulfate	7.2 U	7.2 U
Endrin	0.89 JN	2.4 JN
Endrin aldehyde	7.2 U	7.2 U
Endrin ketone	7.2 U	7.2 U
gamma-BHC	7.2 U	7.2 U
gamma-Chlordane	3.9 JN	5.9 JN
Heptachlor	7.2 U	7.2 U
Heptachlor epoxide	7.2 U	7.2 U
Methoxychlor	7.2 U	7.2 U
Mirex	7.2 UJ	7.2 UJ
Toxaphene	360 UJ	360 UJ

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown;; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Methods for calculating total DDTs are presented in Appendix C.

Table A7-10. Organochlorine pesticide concentrations (µg/kg ww) in Dungeness crab edible meat and hepatopancreas samples – Areas T1, T3, and T4

ANALYTE	EDIBLE MEAT							HEPATOPANCREAS		
	LDW-T1-M-DC-EM-comp-1	LDW-T1-M-DC-EM-comp-2	LDW-T1-M-DC-EM-comp-3	LDW-T3-M-DC-EM-comp-1	LDW-T3-M-DC-EM-comp-2	LDW-T3-M-DC-EM-comp-3	LDW-T4-M-DC-EM-comp-1	LDW-T1-M-DC-HP-comp-1	LDW-T3-M-DC-HP-comp-1	LDW-T4-M-DC-HP-comp-1
2,4'-DDD	4.0 <i>JN</i>	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	1.5 U	26 U	28 U	22 U
2,4'-DDE	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	1.5 U	26 U	32 U	15 U
2,4'-DDT	9.6 <i>JN</i>	8.7 <i>JN</i>	13 <i>JN</i>	9.4 <i>JN</i>	13 <i>JN</i>	9.6 <i>JN</i>	8.0 <i>JN</i>	180 <i>JN</i>	210 <i>JN</i>	150 <i>JN</i>
4,4'-DDD	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	1.5 U	6.1 <i>JN</i>	6.6 <i>JN</i>	15 U
4,4'-DDE	2.6 <i>JN</i>	2.4 <i>JN</i>	2.8 <i>JN</i>	2.0 <i>JN</i>	2.1 <i>JN</i>	2.1 <i>JN</i>	2.4 <i>JN</i>	46 <i>JN</i>	41 <i>JN</i>	15 <i>JN</i>
4,4'-DDT	7.6 <i>JN</i>	6.6 <i>JN</i>	11 <i>JN</i>	7.6 <i>JN</i>	10 <i>JN</i>	8.2 <i>JN</i>	6.5 <i>JN</i>	160 <i>JN</i>	180 <i>JN</i>	120 <i>JN</i>
DDTs (total-calc'd)	23.8 <i>JN</i>	17.7 <i>JN</i>	27 <i>JN</i>	19.0 <i>JN</i>	25 <i>JN</i>	19.9 <i>JN</i>	16.9 <i>JN</i>	390 <i>JN</i>	440 <i>JN</i>	290 <i>JN</i>
Aldrin	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	1.5 U	7.2 U	7.2 U	15 U
alpha-BHC	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	1.5 U	7.2 U	7.2 U	15 U
alpha-Chlordane	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	1.5 U	7.2 U	7.2 U	15 U
alpha-Endosulfan	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	1.5 U	7.2 U	7.2 U	15 U
beta-BHC	7.2 U	7.2 <i>UJ</i>	7.2 <i>UJ</i>	7.2 <i>UJ</i>	7.2 <i>UJ</i>	7.2 <i>UJ</i>	1.5 U	7.2 <i>UJ</i>	7.2 <i>UJ</i>	15 <i>UJ</i>
beta-Endosulfan	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	1.5 U	8.7 U	11 U	15 U
delta-BHC	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	1.5 U	7.2 U	7.2 U	15 U
Dieldrin	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	4.1 U	7.2 U	34 U	15 U
Endosulfan sulfate	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	1.5 U	7.2 U	7.2 U	15 U
Endrin	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	1.5 U	9.4 U	12 U	15 U
Endrin aldehyde	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	1.5 U	7.2 U	7.9 U	15 U
Endrin ketone	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	1.5 U	13 U	14 U	15 U
gamma-BHC	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	4.0 <i>JN</i>	7.2 U	7.2 U	15 U
gamma-Chlordane	3.3 <i>JN</i>	3.2 <i>JN</i>	4.9 <i>JN</i>	3.4 <i>JN</i>	5.4 <i>JN</i>	3.9 <i>JN</i>	3.0 <i>JN</i>	63 <i>JN</i>	73 <i>JN</i>	49 <i>JN</i>
Heptachlor	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	1.5 U	7.2 U	7.2 U	15 U
Heptachlor epoxide	1.7 <i>JN</i>	2.3 <i>JN</i>	2.1 <i>JN</i>	1.7 <i>JN</i>	7.2 U	1.6 <i>JN</i>	1.2	12 <i>JN</i>	11 U	15 U
Methoxychlor	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	1.5 U	12 U	7.2 U	15 U
Mirex	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	7.2 U	1.5 <i>UJ</i>	7.2 U	7.2 U	15 <i>UJ</i>
Toxaphene	360 U	360 U	360 U	360 U	360 U	360 U	120 U	1,900 U	2,200 U	2,100 U

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown;; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Methods for calculating total DDTs are presented in Appendix C.

Table A7-11. Organochlorine pesticide concentrations (µg/kg ww) in slender crab edible meat samples – Areas T1 through T3

ANALYTE	LDW-T1-M-SC-EM-comp-1	LDW-T1-M-SC-EM-comp-2	LDW-T1-M-SC-EM-comp-3	LDW-T2-M-SC-EM-comp-1	LDW-T2-M-SC-EM-comp-2	LDW-T2-M-SC-EM-comp-3	LDW-T2-M-SC-EM-comp-4	LDW-T2-M-SC-EM-comp-5	LDW-T2-M-SC-EM-comp-6	LDW-T3-M-SC-EM-comp-1	LDW-T3-M-SC-EM-comp-2	LDW-T3-M-SC-EM-comp-3
2,4'-DDD	1.6 JN	2.1 JN	1.7 JN	3.1 JN	1.5 U	2.8 JN	1.9 JN	3.3 JN	1.5 U	2.6 JN	5.2 JN	1.5 U
2,4'-DDE	1.5 UJ	1.7 U	1.9 U	1.5 U	2.1 U	2.4 U	1.5 U	1.5 U	1.5 U	1.5 U	1.8 U	1.9 U
2,4'-DDT	14 JN	8.8 JN	9.7 JN	7.1 JN	7.8 JN	11 JN	3.7 JN	8.5 JN	6.4 JN	6.3 JN	12 JN	8.2 JN
4,4'-DDD	2.2 U	1.7 U	1.5 U	1.5 U	1.5 U	2.0 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
4,4'-DDE	4.7 JN	2.3 JN	2.6 JN	2.4 JN	2.4 JN	3.1 JN	1.2 JN	2.3 JN	1.7 JN	1.7 JN	3.2 JN	3.4 JN
4,4'-DDT	12 JN	6.9 JN	7.8 JN	6.5 JN	7.1 JN	8.7 JN	3.7 JN	8.0 JN	5.7 JN	4.9 JN	10 JN	6.8 JN
DDTs (total-calc'd)	32 JN	20.1 JN	21.8 JN	19.1 JN	17.3 JN	26 JN	10.5 JN	22.1 JN	13.8 JN	15.5 JN	30 JN	18.4 JN
Aldrin	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
alpha-BHC	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
alpha-Chlordane	1.5 UJ	1.5 U	1.5 U	1.5 UJ	1.5 UJ	1.8 JN	1.5 UJ	1.5 JN	1.5 UJ	1.5 UJ	1.5 U	1.5 U
alpha-Endosulfan	1.5 UJ	1.5 U	1.5 U	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 U	0.34 JN
beta-BHC	2.0 UJ	1.5 UJ	1.5 UJ	3.0 UJ	1.7 UJ	3.2 UJ	2.1 UJ	2.5 UJ	8.2 UJ	1.5 UJ	2.5 UJ	5.4 UJ
beta-Endosulfan	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
delta-BHC	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
Dieldrin	2.1 UJ	1.5 U	1.6 U	1.8 UJ	2.1 UJ	3.3 UJ	1.3 JN	2.5 UJ	1.5 UJ	1.5 UJ	1.5 U	2.0 U
Endosulfan sulfate	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
Endrin	1.5 U	1.5 U	1.5 U	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	5.0 UJ	1.5 UJ	1.5 U	1.5 U
Endrin aldehyde	2.3 JN	1.5 U	1.8 JN	1.5 U	1.8 JN	1.5 U	1.5 U	0.83 JN	1.5 U	1.5 U	2.8 JN	1.5 U
Endrin ketone	1.5 UJ	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
gamma-BHC	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
gamma-Chlordane	5.1 JN	3.9 JN	3.6 JN	3.7 JN	4.1 JN	4.1 JN	2.0 JN	3.5 JN	2.5 JN	2.7 JN	6.3 JN	4.5 JN
Heptachlor	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
Heptachlor epoxide	2.6 JN	1.9 JN	2.1 JN	1.5 U	1.5 U	2.5 JN	0.93 JN	2.6 JN	1.4 JN	1.5 U	3.0 JN	2.3 JN
Methoxychlor	1.5 U	7.7 JN	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	27 JN	130 JN	1.5 U
Mirex	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ
Toxaphene	150 UJ	99 U	96 U	72 UJ	95 UJ	89 UJ	72 UJ	91 UJ	72 UJ	160 UJ	90 U	120 U

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown;; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Methods for calculating total DDTs are presented in Appendix C.

Table A7-12. Organochlorine pesticide concentrations (µg/kg ww) in slender crab hepatopancreas samples – Areas T1 through T3

ANALYTE	LDW-T1-M-SC-HP-comp-1	LDW-T2-M-SC-HP-comp-1	LDW-T2-M-SC-HP-comp-2	LDW-T3-M-SC-HP-comp-1
2,4'-DDD	15 JN	7.7 U	8.9 U	4.6 U
2,4'-DDE	7.2 UJ	2.1 U	2.8 U	1.5 U
2,4'-DDT	65 JN	77 JN	89 JN	53 JN
4,4'-DDD	1.5 U	1.6 U	3.3 U	1.6 JN
4,4'-DDE	16 JN	23 JN	24 JN	19 JN
4,4'-DDT	52 JN	67 JN	68 JN	45 JN
DDTs (total-calc'd)	148 JN	167 JN	181 JN	119 JN
Aldrin	1.5 U	1.5 U	1.5 U	1.5 U
alpha-BHC	1.5 U	1.5 U	0.41 JN	1.5 U
alpha-Chlordane	1.5 UJ	1.5 UJ	1.5 UJ	1.5 U
alpha-Endosulfan	1.5 UJ	1.5 UJ	1.5 UJ	3.4 JN
beta-BHC	1.5 UJ	1.5 UJ	2.1 UJ	1.5 UJ
beta-Endosulfan	2.0 U	2.6 U	3.6 U	2.5 U
delta-BHC	1.8 U	1.5 U	1.5 U	1.5 U
Dieldrin	9.1 U	7.2 U	7.5 UJ	7.2 U
Endosulfan sulfate	1.5 U	1.5 U	7.2 U	1.5 U
Endrin	1.5 UJ	7.2 U	1.5 UJ	1.5 U
Endrin aldehyde	2.1 U	6.5 U	8.4 U	1.9 U
Endrin ketone	2.8 U	2.8 U	2.5 U	2.6 U
gamma-BHC	1.5 U	1.5 U	1.5 U	1.5 U
gamma-Chlordane	24 JN	35 JN	36 JN	23 JN
Heptachlor	1.5 U	1.5 U	1.5 U	1.5 U
Heptachlor epoxide	4.3 U	5.2 U	6.1 U	3.1 U
Methoxychlor	1.5 U	1.7 U	2.1 U	1.5 U
Mirex	1.5 UJ	1.5 UJ	1.5 UJ	1.5 UJ
Toxaphene	360 U	290 UJ	320 UJ	360 U

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C. Data qualifiers: U - not detected at reporting limit shown; J - estimated concentration; UJ - not detected at estimated reporting limit shown;; BU - analyte concentration was qualified as undetected because of blank contamination; UR - non-detected result that was rejected

Methods for calculating total DDTs are presented in Appendix C.

A.8 Conventionals: Lipids and Solids

Table A8-1. Lipids and solids concentrations (% ww) in English sole whole body tissue samples – Areas T1 and T2

ANALYTE	LDW-T1-M-ES-WB-comp-1	LDW-T1-M-ES-WB-comp-2	LDW-T1-M-ES-WB-comp-3	LDW-T1-M-ES-WB-comp-4	LDW-T1-M-ES-WB-comp-5	LDW-T1-M-ES-WB-comp-6	LDW-T2-M-ES-WB-comp-1	LDW-T2-M-ES-WB-comp-2	LDW-T2-M-ES-WB-comp-3	LDW-T2-M-ES-WB-comp-4	LDW-T2-M-ES-WB-comp-5	LDW-T2-M-ES-WB-comp-6
Lipid	4.3	5.0	6.8	5.7	5.3	6.3	8.7	6.6	7.6	6.2	7.6	5.7
Total solids	22.2	23.7	26.6	24.2	23.9	25.7	27.1	25.8	25.8	26.0	26.9	25.4

Table A8-2. Lipids and solids concentrations (% ww) in English sole whole body tissue samples – Areas T3 and T4

ANALYTE	LDW-T3-M-ES-WB-comp-1	LDW-T3-M-ES-WB-comp-2	LDW-T3-M-ES-WB-comp-3	LDW-T3-M-ES-WB-comp-4	LDW-T3-M-ES-WB-comp-5	LDW-T3-M-ES-WB-comp-6	LDW-T4-M-ES-WB-comp-1	LDW-T4-M-ES-WB-comp-2	LDW-T4-M-ES-WB-comp-3
Lipid	6.6	4.7	5.5	3.5	2.6	6.2	5.9	6.2	4.8
Total solids	26.2	24.3	25.2	22.6	21.5	26.6	25.6	25.2	24.9

Table A8-3. Lipids and solids concentrations (% ww) in English sole fillet tissue samples – Areas T1 through T4

ANALYTE	LDW-T1-M-ES-FL-comp-1	LDW-T1-M-ES-FL-comp-2	LDW-T2-M-ES-FL-comp-1	LDW-T2-M-ES-FL-comp-2	LDW-T3-M-ES-FL-comp-1	LDW-T3-M-ES-FL-comp-2	LDW-T4-M-ES-FL-comp-1
Lipid	3.1	2.6	3.4	4.3	1.6	3.6	1.7
Total solids	22.6	22.2	22.4	23.9	21.9	24.3	20.8

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C.

Table A8-4. Lipids and solids concentrations (% ww) in starry flounder whole body and fillet tissue samples – Area T4

ANALYTE	WHOLE BODY			FILLET
	LDW-T4-M-SF-WB-comp-1	LDW-T4-M-SF-WB-comp-2	LDW-T4-M-SF-WB-comp-3	LDW-T4-M-SF-FL-comp-1
Lipid	2.1	2.1	2.5	2.6
Total solids	22.2	22.9	22.6	21.8

Table A8-5. Lipids and solids concentrations (% ww) in Pacific staghorn sculpin whole body tissue samples – Areas T1 and T2

ANALYTE	LDW-T1-A-PS-WB-comp-1	LDW-T1-B-PS-WB-comp-1	LDW-T1-C-PS-WB-comp-1	LDW-T1-D-PS-WB-comp-1	LDW-T1-E-PS-WB-comp-1	LDW-T1-F-PS-WB-comp-1	LDW-T2-A-PS-WB-comp-1	LDW-T2-B-PS-WB-comp-1	LDW-T2-C-PS-WB-comp-1	LDW-T2-D-PS-WB-comp-1	LDW-T2-E-PS-WB-comp-1	LDW-T2-F-PS-WB-comp-1
Lipid	2.1	2.3	1.8	2.4	2.4	2.4	2.2	2.4	2.7	2.3	2.3	1.8
Total solids	21.7	21.2	20.4	21.3	22.0	21.7	20.9	21.5	22.0	21.3	21.2	21.0

Table A8-6. Lipids and solids concentrations (% ww) in Pacific staghorn sculpin whole body tissue samples – Areas T3 and T4

ANALYTE	LDW-T3-A-PS-WB-comp-1	LDW-T3-B-PS-WB-comp-1	LDW-T3-C-PS-WB-comp-1	LDW-T3-D-PS-WB-comp-1	LDW-T3-E-PS-WB-comp-1	LDW-T3-F-PS-WB-comp-1	LDW-T4-A-PS-WB-comp-1	LDW-T4-B-PS-WB-comp-1	LDW-T4-C-PS-WB-comp-1	LDW-T4-D-PS-WB-comp-1	LDW-T4-D-PS-WB-comp-2	LDW-T4-E-PS-WB-comp-1
Lipid	2.1	1.9	1.8	1.8	2.0	1.9	2.4	2.2	1.3	2.5	2.2	1.8
Total solids	20.8	20.6	20.3	20.9	21.1	21.1	21.2	20.8	19.5	21.3	21.7	20.4

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C.

Table A8-7. Lipids and solids concentrations (% ww) in shiner surfperch whole body tissue samples – Areas T1 and T2

ANALYTE	LDW-T1-A-SS-WB-comp-1	LDW-T1-B-SS-WB-comp-1	LDW-T1-C-SS-WB-comp-1	LDW-T1-D-SS-WB-comp-1	LDW-T1-E-SS-WB-comp-1	LDW-T1-F-SS-WB-comp-1	LDW-T2-A-SS-WB-comp-1	LDW-T2-B-SS-WB-comp-1	LDW-T2-C-SS-WB-comp-1	LDW-T2-D-SS-WB-comp-1	LDW-T2-E-SS-WB-comp-1	LDW-T2-F-SS-WB-comp-1
Lipid	5.0	2.7	4.1	3.3	2.3	2.8	4.4	2.5	2.6	3.8	5.6	4.9
Total solids	25.4	23.5	24.8	24.7	23.8	24.0	26.0	23.5	22.8	24.1	26.6	25.4

Table A8-8. Lipids and solids concentrations (% ww) in shiner surfperch whole body tissue samples – Areas T3 and T4

ANALYTE	LDW-T3-A-SS-WB-comp-1	LDW-T3-B-SS-WB-comp-1	LDW-T3-C-SS-WB-comp-1	LDW-T3-D-SS-WB-comp-1	LDW-T3-E-SS-WB-comp-1	LDW-T3-F-SS-WB-comp-1	LDW-T4-A-SS-WB-comp-1	LDW-T4-B-SS-WB-comp-1	LDW-T4-B-SS-WB-comp-2	LDW-T4-C-SS-WB-comp-1	LDW-T4-C-SS-WB-comp-2	LDW-T4-D-SS-WB-comp-1
Lipid	3.7	5.6	3.4	3.8	3.1	4.6	3.0	3.3	5.6	5.3 +	3.2	4.3
Total solids	25.4	27.6	23.9	24.6	23.0	24.8	22.8	24.3	26.4	25.8	24.0	24.8

Table A8-9. Lipids and solids concentrations (% ww) in striped and pile perch fillet samples – Area T1

ANALYTE	PILE PERCH FILLET LDW-M-M-PP-FL-comp-1	STRIPED PERCH FILLET LDW-M-M-SP-FL-comp-1
Lipid	1.1	1.4
Total solids	23.3	22.9

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C.

Table A8-10. Lipids and solids concentrations (% ww) in Dungeness crab edible meat and hepatopancreas samples – Areas T1, T3, and T4

ANALYTE	EDIBLE MEAT							HEPATOPANCREAS		
	LDW-T1-M-DC-EM-comp-1	LDW-T1-M-DC-EM-comp-2	LDW-T1-M-DC-EM-comp-3	LDW-T3-M-DC-EM-comp-1	LDW-T3-M-DC-EM-comp-2	LDW-T3-M-DC-EM-comp-3	LDW-T4-M-DC-EM-comp-1	LDW-T1-M-DC-HP-comp-1	LDW-T3-M-DC-HP-comp-1	LDW-T4-M-DC-HP-comp-1
Lipid	0.34	0.39	0.28	0.23	0.40	0.47	0.72	4.6	6.3	7.9
Total solids	15.7	18.6	15.1	19.1	19.9	17.9	21.1	15.9	20.1	24.4

Table A8-11. Lipids and solids concentrations (% ww) in slender crab edible meat samples – Areas T1 through T3

ANALYTE	LDW-T1-M-SC-EM-comp-2	LDW-T1-M-SC-EM-comp-3	LDW-T2-M-SC-EM-comp-1	LDW-T2-M-SC-EM-comp-2	LDW-T2-M-SC-EM-comp-3	LDW-T2-M-SC-EM-comp-4	LDW-T2-M-SC-EM-comp-5	LDW-T2-M-SC-EM-comp-6	LDW-T3-M-SC-EM-comp-1	LDW-T3-M-SC-EM-comp-2	LDW-T3-M-SC-EM-comp-3
Lipid	0.54	0.43	0.23	0.41	0.43	0.47	0.34	0.26	0.52	0.51	0.45
Total solids	19.7	18.2	19.0	18.4	16.9	17.2	19.0	17.3	18.0	13.5	15.8

Table A8-12. Lipids and solids concentrations (% ww) in slender crab hepatopancreas samples – Areas T1 through T3

ANALYTE	LDW-T1-M-SC-HP-comp-1	LDW-T2-M-SC-HP-comp-1	LDW-T2-M-SC-HP-comp-2	LDW-T3-M-SC-HP-comp-1
Lipid	1.9	2.7	3.6	2.2
Total solids	13.1	12.7	13.3	11.4

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C.

Table A8-13. Lipids and solids concentrations (% ww) in English sole whole body tissue samples – background areas

ANALYTE	BL-ES-WB-comp-1	BL-ES-WB-comp-2	BL-ES-WB-comp-3	BL-ES-WB-comp-4	BL-ES-WB-comp-5	BL-ES-WB-comp-6	EP-ES-WB-comp-1	EP-ES-WB-comp-2	EP-ES-WB-comp-3	EP-ES-WB-comp-4	EP-ES-WB-comp-5	EP-ES-WB-comp-6
Lipid	3.7	4.6	4.9	3.3	3.1	5.5	4.8	4.4	3.7	3.9	5.9	2.9
Total solids	21.9	22.1	24.1	22.1	22.1	25.6	23.8	23.0	23.2	22.7	25.6	22.2

Table A8-14. Lipids and solids concentrations (% ww) in English sole fillet tissue samples – background areas

ANALYTE	BL-ES-FL-comp-1	BL-ES-FL-comp-2	BL-ES-FL-comp-3	BL-ES-FL-comp-4	BL-ES-FL-comp-5	BL-ES-FL-comp-6	EP-ES-FL-comp-1	EP-ES-FL-comp-2	EP-ES-FL-comp-3	EP-ES-FL-comp-4	EP-ES-FL-comp-5	EP-ES-FL-comp-6
Lipid	2.6	2.5	1.8	3.1	2.2	1.6	2.4	2.8	2.0	2.1	2.9	2.3
Total solids	21.5	22.6	20.4	22.3	20.5	20.0	21.9	22.1	21.7	21.7	21.1	21.6

Table A8-15. Lipids and solids concentrations (% ww) in Pacific staghorn sculpin whole body tissue samples – background areas

ANALYTE	BL-SS-WB-comp-1	BL-SS-WB-comp-2	BL-SS-WB-comp-3	BL-SS-WB-comp-4	BL-SS-WB-comp-5	BL-SS-WB-comp-6	EP-SS-WB-comp-1	EP-SS-WB-comp-2	EP-SS-WB-comp-3
Lipid	8.6	9.8	8.3	8.1	9.4	9.9	5.9	6.9	5.0
Total solids	31.1	31.4	30.2	29.6	31.2	31.5	27.5	28.3	26.9

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C.

Table A8-16. Lipids and solids concentrations (% ww) in Dungeness crab edible meat and hepatopancreas samples – background areas

ANALYTE	EDIBLE MEAT						HEPATOPANCREAS	
	BL-DC-EM-comp-1	BL-DC-EM-comp-2	BL-DC-EM-comp-3	EP-DC-EM-comp-1	EP-DC-EM-comp-2	EP-DC-EM-comp-3	BL-DC-HP-comp-1	EP-DC-HP-comp-1
Lipid	0.47	0.27	0.44	0.40	0.40	0.40	6.3	14
Total solids	17.8	18.4	20.6	21.0	20.4	20.4	22.2	32.8

Table A8-17. Lipids and solids concentrations (% ww) in slender crab edible meat and hepatopancreas samples – background areas

ANALYTE	EDIBLE MEAT						HEPATOPANCREAS	
	BL-SC-EM-comp-1	BL-SC-EM-comp-2	BL-SC-EM-comp-3	EP-SC-EM-comp-1	EP-SC-EM-comp-2	EP-SC-EM-comp-3	BL-SC-HP-comp-1	EP-SC-HP-comp-1
Lipid	0.54	0.79	0.68	0.60	0.62	0.65	1.9	2.0
Total solids	18.7	21.3	20.7	18.3	18.3	18.3	13.3	7.91

Concentration in *italics* indicates that laboratory replicate was run for sample. Value was selected using averaging rules in Appendix C.