

# Supplementary Materials: Suitability and Sensitivity of Golden Grey Mullet *Chelon auratus* (Risso, 1810) as a Reference Fish Species for Ecotoxicity Tests in the Black Sea

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**Table S1.** Dilution series of the test substance (first fill and renewal).

Flask	First fill				Renewal			
	Reference toxicant stock solution volume (ml)	Total solution volume (mL)	Reference toxicant concentration (mg/L)	Replicate solution volume (mL)	Reference toxicant stock solution volume (ml)	Total solution volume (mL)	Reference toxicant concentration (mg/L)	Replicate solution volume (mL)
C0	0	25,000	0	5,000	0	20,000	0	4,000
C1	5	25,000	0.2	5,000	4	20,000	0.2	4,000
C2	10	25,000	0.4	5,000	8	20,000	0.4	4,000
C3	20	25,000	0.8	5,000	16	20,000	0.8	4,000
C4	40	25,000	1.6	5,000	32	20,000	1.6	4,000
C5	80	25,000	3.2	5,000	64	20,000	3.2	4,000

**Table S2. 1-3.** Results of water quality parameter monitoring (temperature pH, salinity, dissolved oxygen and inorganic nitrogen measured at the beginning, before renewal - new - and the end - old - of each 24 h exposure period, for each mixture per concentration).

**Table S2.1. Run 1.**

Variable		Treatments (mg/L)					
		Control	1.25	2.5	5	10	20
0 h Experiment Start (new)	Temperature (°C)	21.8±0.52	21.28±0.36	20.54±0.19	20.94±0.90	21.5±1.25	21.14±1.19
	Salinity (PSU)	15.05±0.19	15.03±0.09	15.29±0.18	15.54±0.31	15.61±0.49	15.62±0.28
	pH	7.88±0.03	7.84±0.02	7.82±0.02	7.79±0.02	7.78±0.02	7.72±0.01
	D.O. (mg/L)	8.71±0.14	8.71±0.10	8.96±0.09	8.78±0.24	8.57±0.13	8.70±0.08
	Oxygen saturation (%)	108.36±1.27	106.72±1.37	108.48±0.43	107.94±1.35	105.66±0.88	107.32±2.15
	NO <sub>2</sub> (μM)	0.96	0.96	0.96	0.96	0.96	0.96
	NO <sub>3</sub> (μM)	34.02	34.02	34.02	34.02	34.02	34.02
	NH <sub>4</sub> (μM)	7.52	7.52	7.52	7.52	7.52	7.52
	Temperature (°C)	21.48±0.25	22.12±0.31	22.04±0.34	22.30±0.50	22.42±0.36	22.62±0.66
	Salinity (PSU)	15.13±0.13	14.98±0.09	15.05±0.17	15.05±0.14	15.06±0.14	15.08±0.23
	pH	7.45±0.08	7.49±0.07	7.54±0.03	7.60±0.04	7.65±0.06	7.71±0.03
	D.O. (mg/L)	2.64±0.87	3.87±1.13	5.25±0.23	6.27±0.48	6.21±1.06	7.91±0.21

<b>24 h (old)</b>	Oxygen saturation (%)	32.62±10.65	48.48±14.16	65.52±2.62	78.66±5.49	78.12±13.38	99.86±2.04
	NO <sub>2</sub> (μM)	1.07±0.18	0.95±0.05	1.17±0.08	2.24±1.05	3.98±0.31	3.38±0.07
	NO <sub>3</sub> (μM)	-	-	-	18.32±3.04	14.68±3.08	9.40±1.08
	NH <sub>4</sub> (μM)	80.61±10.77	71.96±4.77	73.70±11.80	75.41±10.44	96.44±18.34	74.07±9.81
<b>24 h (new)</b>	Temperature (°C)	20.92±0.36	20.94±0.15	-	-	-	-
	Salinity (PSU)	15.50±0.37	15.46±0.05	-	-	-	-
	pH	7.86±0.03	7.83±0.01	-	-	-	-
	D.O. (mg/L)	8.44±0.05	8.68±0.17	-	-	-	-
	Oxygen saturation (%)	103.54±1.04	106.42±1.77	-	-	-	-
	NO <sub>2</sub> (μM)	0.96	0.96	-	-	-	-
	NO <sub>3</sub> (μM)	34.02	34.02	-	-	-	-
	NH <sub>4</sub> (μM)	7.52	7.52	-	-	-	-
<b>48 h (old)</b>	Temperature (°C)	20.36±0.34	20.40±0.32	-	-	-	-
	Salinity (PSU)	15.20±0.04	15.17±0.05	-	-	-	-
	pH	7.37±0.04	7.41±0.04	-	-	-	-
	D.O. (mg/L)	3.17±1.16	4.17±1.01	-	-	-	-
	Oxygen saturation (%)	38.30±14.03	50.58±12.13	-	-	-	-
	NO <sub>2</sub> (μM)	8.28±2.02	4.42±0.74	-	-	-	-
	NO <sub>3</sub> (μM)	19.77±2.15	19.08±1.66	-	-	-	-
	NH <sub>4</sub> (μM)	144.47±3.90	143.04±7.15	-	-	-	-
<b>48 h (new)</b>	Temperature (°C)	20.94±0.13	21.04±0.05	-	-	-	-
	Salinity (PSU)	15.35±0.11	15.41±0.07	-	-	-	-
	pH	7.78±0.02	7.77±0.02	-	-	-	-
	D.O. (mg/L)	8.68±0.08	8.68±0.06	-	-	-	-
	Oxygen saturation (%)	106.38±0.90	106.62±0.86	-	-	-	-
	NO <sub>2</sub> (μM)	0.96	0.96	-	-	-	-
	NO <sub>3</sub> (μM)	34.02	34.02	-	-	-	-
	NH <sub>4</sub> (μM)	7.52	7.52	-	-	-	-
<b>72 h (old)</b>	Temperature (°C)	20.32±0.23	20.76±0.09	-	-	-	-
	Salinity (PSU)	15.36±0.05	15.34±0.09	-	-	-	-
	pH	7.39±0.04	7.41±0.03	-	-	-	-
	D.O. (mg/L)	4.49±0.97	4.98±0.81	-	-	-	-
	Oxygen saturation (%)	54.44±11.99	60.78±9.87	-	-	-	-
	NO <sub>2</sub> (μM)	7.57±1.23	6.33±1.59	-	-	-	-
	NO <sub>3</sub> (μM)	15.77±2.35	15.49±1.89	-	-	-	-
	NH <sub>4</sub> (μM)	154.69±2.54	162.00±3.72	-	-	-	-
<b>72 h (new)</b>	Temperature (°C)	20.04±0.26	20.22±0.25	-	-	-	-
	Salinity (PSU)	15.32±0.07	15.35±0.05	-	-	-	-
	pH	7.67±0.24	7.77±0.02	-	-	-	-
	D.O. (mg/L)	8.87±0.12	8.92±0.11	-	-	-	-
	Oxygen saturation (%)	106.90±1.16	107.90±0.93	-	-	-	-
	NO <sub>2</sub> (μM)	0.96	0.96	-	-	-	-
	NO <sub>3</sub> (μM)	34.02	34.02	-	-	-	-
	NH <sub>4</sub> (μM)	7.52	7.52	-	-	-	-
	Temperature (°C)	21.46±0.25	21.10±0.19	-	-	-	-

<b>(96 h) Experiment end (old)</b>	Salinity (PSU)	15.09±0.06	15.06±0.10	-	-	-	-
	pH	7.40±0.05	7.40±0.05	-	-	-	-
	D.O. (mg/L)	4.59±1.10	4.21±0.90	-	-	-	-
	Oxygen saturation (%)	56.70±13.43	51.70±11.00	-	-	-	-
	NO <sub>2</sub> (µM)	7.32±2.09	2.25±1.02	-	-	-	-
	NO <sub>3</sub> (µM)	12.80±3.30	11.42±2.11	-	-	-	-
	NH <sub>4</sub> (µM)	147.64±6.12	151.46±6.70	-	-	-	-

Table S2.2. Run 2.

Variable		Treatments (mg/L)					
		Control	0.2	0.4	0.8	1.6	3.2
<b>0 h Experiment Start (new)</b>	Temperature (°C)	19.5±0.00	19.5±0.00	19.46±0.09	19.64±0.19	19.24±0.13	19.54±0.11
	Salinity (PSU)	15.95±0.11	15.97±0.07	16.04±0.06	15.90±0.08	15.92±0.11	15.94±0.11
	pH	8.1±0.00	8.18±0.02	8.14±0.01	8.14±0.01	8.09±0.00	8.14±0.01
	D.O. (mg/L)	8.33±0.02	8.47±0.07	8.41±0.04	8.36±0.07	8.58±0.09	8.52±0.12
	Oxygen saturation (%)	99.67±0.28	101.38±0.82	100.62±0.33	100.39±0.05	102.12±0.97	102.01±1.34
	NO <sub>2</sub> (µM)	0.19	0.19	0.19	0.19	0.19	0.19
	NO <sub>3</sub> (µM)	3.23	3.23	3.23	3.23	3.23	3.23
	NH <sub>4</sub> (µM)	2.59	2.59	2.59	2.59	2.59	2.59
<b>24 h (old)</b>	Temperature (°C)	20.48±0.24	20.7±0.35	20.70±0.2	20.76±0.15	20.70±0.25	-
	Salinity (PSU)	16.10±0.1	16.03±0.16	15.94±0.08	16.02±0.12	16.10±0.11	-
	pH	7.63±0.05	7.61±0.02	7.57±0.04	7.56±0.07	7.48±0.10	-
	D.O. (mg/L)	7.26±0.42	6.65±0.48	6.75±0.39	6.69±0.67	6.83±0.39	-
	Oxygen saturation (%)	88.59±5.18	81.47±5.79	82.68±4.73	81.99±8.19	83.71±4.94	-
	NO <sub>2</sub> (µM)	0.3±0.09	0.23±0.03	0.27±0.02	0.26±0.03	0.28±0.02	-
	NO <sub>3</sub> (µM)	3.35±0.78	2.81±0.23	3.10±0.21	3.15±0.29	3.45±0.67	-
	NH <sub>4</sub> (µM)	21.67±5.19	22.54±3.56	20.51±2.57	23.42±3.76	28.09±4.00	-
<b>24 h (new)</b>	Temperature (°C)	19.24±0.21	19.36±0.27	19.68±0.19	19.58±0.41	19.50±0.32	-
	Salinity (PSU)	15.92±0.13	15.91±0.13	15.91±0.2	15.96±0.09	15.81±0.14	-
	pH	8.11±0.01	8.11±0.03	8.07±0.02	8.11±0.01	8.11±0.01	-
	D.O. (mg/L)	8.80±0.15	8.53±0.14	8.63±0.08	8.34±0.17	8.45±0.21	-
	Oxygen saturation (%)	104.71±1.35	101.79±1.72	103.63±0.95	100.00±1.50	101.07±2.18	-
	NO <sub>2</sub> (µM)	0.19	0.19	0.19	0.19	0.19	-
	NO <sub>3</sub> (µM)	3.23	3.23	3.23	3.23	3.23	-
	NH <sub>4</sub> (µM)	2.59	2.59	2.59	2.59	2.59	-
<b>48 h (old)</b>	Temperature (°C)	20.20±0.16	20.58±0.13	20.26±0.21	20.34±0.15	20.66±0.19	-
	Salinity (psu)	15.94±0.06	15.99±0.09	16.02±0.14	16.00±0.10	16.17±0.11	-
	pH	7.22±0.04	7.18±0.03	7.20±0.04	7.18±0.01	7.16±0.04	-
	D.O. (mg/L)	7.73±0.16	6.93±1.01	7.49±0.36	7.29±0.12	7.06±0.41	-
	Oxygen saturation (%)	93.78±2.01	84.73±12.21	90.97±4.41	88.69±1.41	86.48±4.98	-
	NO <sub>2</sub> (µM)	0.22±0.02	0.21±0.01	0.20±0.01	0.05±0.02	0.22±0.04	-
	NO <sub>3</sub> (µM)	2.02±0.14	2.17±0.16	2.15±0.32	2.22±0.2	2.08±0.09	-
	NH <sub>4</sub> (µM)	24.23±3.52	25.24±4.34	21.00±3.16	31.16±5.27	37.86±5.47	-

<b>48 h (new)</b>	Temperature (°C)	19.44±0.24	19.66±0.29	19.10±0.35	19.38±0.46	17.20±0.2	-
	Salinity (PSU)	15.97±0.06	15.97±0.04	15.92±0.08	15.96±0.13	13.82±0.04	-
	pH	7.58±0.04	7.59±0.04	7.57±0.02	7.56±0.01	6.69±0.02	-
	D.O. (mg/L)	8.48±0.07	8.32±0.08	8.49±0.04	8.44±0.14	6.83±0.05	-
	Oxygen saturation (%)	101.34±0.83	99.86±0.43	100.83±0.26	100.72±0.79	82.00±8.38	-
	NO <sub>2</sub> (μM)	0.19	0.19	0.19	0.19	0.19	-
	NO <sub>3</sub> (μM)	3.23	3.23	3.23	3.23	3.23	-
	NH <sub>4</sub> (μM)	2.59	2.59	2.59	2.59	2.59	-
<b>72 h (old)</b>	Temperature (°C)	20.72±0.27	20.9±0.17	20.80±0.33	20.76±0.05	21.27±0.23	-
	Salinity (PSU)	15.71±0.17	15.73±0.14	15.63±0.13	15.67±0.06	15.70±0.14	-
	pH	7.24±0.03	7.23±0.03	7.21±0.02	7.21±0.03	7.20±0.06	-
	D.O. (mg/L)	7.36±0.43	7.26±0.19	7.25±0.22	7.12±0.28	6.80±0.86	-
	Oxygen saturation (%)	90.01±5.08	89.07±2.16	88.80±2.30	87.15±3.43	83.99±10.38	-
	NO <sub>2</sub> (μM)	0.12±0.02	0.12±0.01	0.10±0.00	0.09±0.01	0.08±0.02	-
	NO <sub>3</sub> (μM)	2.53±0.06	2.62±0.19	2.74±0.08	2.67±0.23	2.87±0.16	-
	NH <sub>4</sub> (μM)	27.56±4.01	28.78±4.22	25.53±3.69	31.52±4.16	35.07±3.33	-
<b>72 h (new)</b>	Temperature (°C)	19.50±0.18	19.86±0.19	19.66±0.05	19.78±0.40	19.52±0.15	-
	Salinity (PSU)	15.44±0.26	15.51±0.06	15.52±0.06	15.52±0.15	15.58±0.12	-
	pH	7.52±0.01	7.51±0.01	7.49±0.01	7.46±0.00	7.45±0.01	-
	D.O. (mg/L)	8.34±0.03	8.20±0.06	8.25±0.05	8.21±0.10	8.28±0.06	-
	Oxygen saturation (%)	99.55±0.27	98.56±0.69	98.74±0.49	98.53±0.46	98.96±0.46	-
	NO <sub>2</sub> (μM)	0.19	0.19	0.19	0.19	0.19	-
	NO <sub>3</sub> (μM)	3.23	3.23	3.23	3.23	3.23	-
	NH <sub>4</sub> (μM)	2.59	2.59	2.59	2.59	2.59	-
<b>Experiment end (old)</b>	Temperature (°C)	20.56±0.11	21.06±0.42	21.22±0.16	21.52±0.31	21.54±0.30	-
	Salinity (PSU)	16.13±0.15	16.09±0.15	16.17±0.14	16.10±0.09	16.25±0.17	-
	pH	7.28±0.08	7.12±0.15	7.22±0.22	7.13±0.10	7.22±0.09	-
	D.O. (mg/L)	7.31±0.48	4.24±2.59	6.42±1.01	5.87±1.27	6.63±1.15	-
	Oxygen saturation (%)	89.40±5.90	52.46±32.27	79.55±12.57	73.06±15.58	82.59±14.36	-
	NO <sub>2</sub> (μM)	0.17±0.02	0.15±0.02	0.16±0.03	0.14±0.01	0.14±0.02	-
	NO <sub>3</sub> (μM)	2.07±0.15	2.23±0.13	2.31±0.46	1.93±0.21	2.06±0.15	-
	NH <sub>4</sub> (μM)	25.11±6.27	30.61±5.38	27.21±3.51	33.02±4.52	32.99±5.88	-

Table S2.3. Run 3.

		Treatments (mg/L)					
Variable		Control	0.2	0.4	0.8	1.6	3.2
0 h Experiment Start (new)	Temperature (°C)	21.18±0.04	21.10±0.00	21.00±0.0	20.90±0.17	20.86±0.09	20.78±0.04
	Salinity (PSU)	15.96±0.05	16.10±0.19	16.08±0.20	16.03±0.19	15.98±0.19	16.00±0.13
	pH	7.78±0.02	7.79±0.02	7.74±0.02	7.66±0.01	7.62±0.02	7.56±0.01
	D.O. (mg/L)	8.65±0.03	8.76±0.0	8.74±0.08	8.67±0.05	8.60±0.03	8.63±0.07
	Oxygen saturation (%)	97.32±0.38	98.38±0.92	98.09±0.82	97.15±0.21	96.24±0.21	96.33±0.74
	NO <sub>2</sub> (µM)	0.29	0.29	0.29	0.29	0.29	0.29
	NO <sub>3</sub> (µM)	12.44	12.44	12.44	12.44	12.44	12.44
	NH <sub>4</sub> (µM)	0.92	0.92	0.92	0.92	0.92	0.92
24 h (old)	Temperature (°C)	19.50±0.19	19.56±0.21	19.54±0.21	19.40±0.16	19.52±0.11	19.64±0.28
	Salinity (PSU)	16.34±0.10	16.36±0.15	16.39±0.12	16.43±0.09	16.37±0.03	16.41±0.15
	pH	7.32±0.04	7.33±0.04	7.30±0.05	7.30±0.04	7.30±0.02	7.28±0.13
	D.O. (mg/L)	8.50±0.07	8.41±0.17	8.32±0.23	8.51±0.13	8.34±0.22	8.20±0.36
	Oxygen saturation (%)	92.57±0.96	91.74±1.74	90.69±2.34	92.52±1.22	90.93±2.33	89.49±3.66
	NO <sub>2</sub> (µM)	0.20±0.01	0.21±0.03	0.22±0.01	0.25±0.03	0.26±0.02	0.61±0.11
	NO <sub>3</sub> (µM)	13.62±0.52	14.72±0.78	14.64±0.71	14.67±0.68	15.65±0.61	19.73±0.12
	NH <sub>4</sub> (µM)	6.83±0.60	6.85±1.56	8.92±1.22	8.33±0.81	10.82±1.12	11.83±2.31
24 h (new)	Temperature (°C)	19.66±0.09	20.14±0.05	20.20±0.07	20.18±0.04	20.22±0.04	-
	Salinity (PSU)	16.38±0.09	16.48±0.03	16.46±0.08	16.42±0.02	16.47±0.06	-
	pH	7.53±0.01	7.64±0.02	7.58±0.01	7.56±0.02	7.52±0.01	-
	D.O. (mg/L)	8.49±0.04	8.91±0.12	8.82±0.09	8.74±0.03	8.73±0.08	-
	Oxygen saturation (%)	92.77±0.42	98.21±1.34	97.37±0.89	96.49±0.24	96.38±0.81	-
	NO <sub>2</sub> (µM)	0.29	0.29	0.29	0.29	0.29	-
	NO <sub>3</sub> (µM)	12.44	12.44	12.44	12.44	12.44	-
	NH <sub>4</sub> (µM)	0.92	0.92	0.92	0.92	0.92	-
48 h (old)	Temperature (°C)	19.38±0.24	19.24±0.15	19.30±0.14	19.2±0.19	19.48±0.19	-
	Salinity (PSU)	16.30±0.10	16.33±0.07	16.43±0.11	16.37±0.06	16.26±0.10	-
	pH	7.30±0.03	7.29±0.02	7.26±0.01	7.25±0.03	7.26±0.02	-
	D.O. (mg/L)	8.88±0.13	8.81±0.25	8.87±0.10	8.86±0.13	8.81±0.19	-
	Oxygen saturation (%)	96.48±1.20	95.47±2.79	96.20±0.78	105.68±1.15	105.53±2.03	-
	NO <sub>2</sub> (µM)	0.25±0.04	0.25±0.05	0.24±0.02	0.25±0.02	0.27±0.03	-
	NO <sub>3</sub> (µM)	13.09±0.33	13.30±1.14	12.76±0.99	13.31±0.62	13.52±1.05	-
	NH <sub>4</sub> (µM)	6.47±1.01	8.25±0.85	9.76±0.79	9.83±1.25	13.83±2.69	-

<b>48 h (new)</b>	Temperature (°C)	19.74±0.05	20±0.07	20±0.07	20.08±0.04	20.08±0.04	-
	Salinity (PSU)	16.37±0.09	16.41±0.07	16.42±0.06	16.41±0.10	16.39±0.10	-
	pH	7.41±0.01	7.46±0.01	7.43±0.02	7.41±0.01	7.38±0.01	-
	D.O. (mg/L)	8.38±0.03	8.96±0.11	8.85±0.05	8.85±0.10	8.78±0.09	-
	Oxygen saturation (%)	91.69±0.38	98.61±0.93	107.22±0.60	107.40±1.20	106.60±0.98	-
	NO <sub>2</sub> (µM)	0.29	0.29	0.29	0.29	0.29	-
	NO <sub>3</sub> (µM)	12.44	12.44	12.44	12.44	12.44	-
	NH <sub>4</sub> (µM)	0.92	0.92	0.92	0.92	0.92	-
<b>72 h (old)</b>	Temperature (°C)	19.4±0.27	19.18±0.08	19.24±0.19	19.32±0.23	19.70±0.28	-
	Salinity (PSU)	16.32±0.10	16.30±0.10	16.31±0.15	16.43±0.19	16.39±0.04	-
	pH	7.25±0.03	7.26±0.01	7.23±0.02	7.22±0.02	7.23±0.03	-
	D.O. (mg/L)	8.71±0.12	8.70±0.21	8.54±0.29	8.65±0.34	8.80±0.15	-
	Oxygen saturation (%)	104.31±0.93	103.72±2.46	101.88±3.37	103.45±3.52	106.03±2.28	-
	NO <sub>2</sub> (µM)	0.22±0.02	0.23±0.04	0.46±0.05	0.62±0.07	0.28±0.14	-
	NO <sub>3</sub> (µM)	10.49±1.03	11.49±0.61	10.30±0.51	10.67±0.42	8.52±4.54	-
	NH <sub>4</sub> (µM)	7.00±0.98	7.98±0.80	9.88±0.57	9.83±0.36	7.47±4.30	-
<b>72 h (new)</b>	Temperature (°C)	19.68±0.08	20.06 ±0.05	20.08±0.04	20.08±0.04	20.03 ±0.12	-
	Salinity (PSU)	16.34±0.05	16.40 ±0.09	16.40±0.09	16.40±0.06	16.45±0.08	-
	pH	7.34±0.01	7.40 ±0.02	7.36±0.01	7.32±0.02	7.30 ±0.02	-
	D.O. (mg/L)	7.96±0.03	8.67±0.09	8.62±0.08	8.62±0.12	8.62±0.04	-
	Oxygen saturation (%)	97.20±3.06	105.14±1.02	104.54±0.94	104.61±1.35	104.57±0.36	-
	NO <sub>2</sub> (µM)	0.29	0.29	0.29	0.29	0.29	-
	NO <sub>3</sub> (µM)	12.44	12.44	12.44	12.44	12.44	-
	NH <sub>4</sub> (µM)	0.92	0.92	0.92	0.92	0.92	-
<b>Experiment end (old)</b>	Temperature (°C)	19.06±0.21	19.18±0.22	19.12±0.15	19.08±0.15	19.6±0.36	-
	Salinity (PSU)	16.34±0.10	16.34±0.17	16.45±0.08	16.42±0.07	16.38±0.25	-
	pH	7.38±0.02	7.35±0.03	7.35±0.04	7.39±0.02	7.39±0.01	-
	D.O. (mg/L)	8.77±0.12	8.36±0.50	8.56±0.29	8.72±0.08	8.82±0.05	-
	Oxygen saturation (%)	104.33±1.36	99.67±5.86	102.05±3.24	103.86±0.69	106.51±1.27	-
	NO <sub>2</sub> (µM)	0.29±0.02	0.27±0.02	0.27±0.00	0.28±0.01	0.23±0.12	-
	NO <sub>3</sub> (µM)	6.63±0.41	6.96±0.20	6.81±0.30	6.82±0.42	5.79±3.04	-
	NH <sub>4</sub> (µM)	6.91±0.68	8.66±1.15	9.40±0.68	10.36±0.41	6.21±3.80	-

**Table S3.** Equations for LC<sub>50</sub> calculation for the reference toxicant tests 1, 2 and 3 (LC<sub>50</sub> = 1.250, 1.739 mg/L, 1.409 mg/L).

Parameter		Value
LC <sub>50</sub>		1.25
Equation	$Y = -0.0981 + \frac{100.0916 + (-0.0981)}{1 + \left(\frac{X}{1.25}\right)^{-8.1493}}$	
Equation Form	$Y = Min + \frac{Max - Min}{1 + \left(\frac{X}{LC50}\right)^{Hill\ coefficient}}$	

Parameter	Value
LC <sub>50</sub>	1.7392
Equation	$Y = -0.0091 + \frac{100.2008 + (-0.0091)}{1 + (\frac{X}{1.7392})^{-10.1878}}$
Equation Form	$Y = Min + \frac{Max - Min}{1 + (\frac{X}{LC50})^{Hill\ coefficient}}$

Parameter	Value
LC <sub>50</sub>	1.4095
Equation	$Y = -0.0113 + \frac{100.0014 + (-0.0113)}{1 + (\frac{X}{1.4095})^{-13.6797}}$
Equation Form	$Y = Min + \frac{Max - Min}{1 + (\frac{X}{LC50})^{Hill\ coefficient}}$