

Quality Control notes for NBP1801 nutrients

QC-ing notes
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Station	Bottle	Depth	Notes
11	9	100	NO3 and PO4 both look low, but dCo at this depth looks good. Considered real feature, not a misfire.
15	2	799.5	Misfire. Confirmed by nutrients, dCo, and visibly green filter while filtering on cruise.
25	12	9.9	Misfire - No samples taken. Next bottle was taken below the thermocline, making CTD and NUT profiles for this station appear non-standard.
34	5, 9, 12		Bottles were clearly mixed-up/mislabelled. B5 was actually B9 (100 m), B9 was actually B12 (5.1 m), and B12 was actually B5 (400 m).
46	5	250.1	PO4 measurement looks too high and was removed. No other measurements look affected.
50	1	540.4	Nutrient measurements are all very different from other bottles in profile, but they aren't all higher, as would be the case if the bottle were contaminated. Perhaps a strong nephloid layer? Values were kept but are still suspicious.
52	9	40	PO4 measurement looks too high and was removed. No other measurements look affected.
57	5	199.9	Misfire. Confirmed by nutrients. No samples taken - bottle was for Deepa's incubation
62	11	19	PO4 measurement looks too high and was removed. No other measurements look affected.