```
SafeguardedCodec(
    codec=codec,  # any numcodecs codec
    safeguards=[
        # we use a constant grid spacing and the valid boundary condition
        # to preserve an absolute error bound over the Laplacian, but not
        # on the data boundaries where data points do not have a left,
        # right, upper, or lower neighbour
        dict(
            kind="qoi_eb_stencil",
            qoi="""
            (
                finite_difference(
                    # type=0 refers to a central difference
                    x, order=2, accuracy=2, type=0,
                    axis=0, grid_spacing=c["dy"]
                ) + finite_difference(
                    x, order=2, accuracy=2, type=0,
                    axis=1, grid_spacing=c["dx"]
                )
            )
            """,
            neighbourhood=[
                dict(axis=0, before=1, after=1, boundary="valid"),
                dict(axis=1, before=1, after=1, boundary="valid"),
            ],
            type="abs",
            eb=0.01,
        ),
    ],
    fixed_constants=dict(dx=dx, dy=dy),
)
```